Geo Hoag

Debility of these the bark & steel are the best. In direct debility strong drinks sometimes cures diseases by knocking out excitability causing torpent excitement and afterwards locking it up in the muscles the Indians when fatigued will relieve themselves by carrying a large log sometimes a mile or two and then laying it aside

Mineral Waters do great harm in diseases of increased arterial action but in nervous and bowel complaints they are extremely useful

Sea Air is also a stimulant & may be prescribed with the same precaution as mineral waters

Mahimony is also a powerful stimu

Mercury in obstinate obstructions from weak and languid action is one of our best remedies When the agreable ones fail in cases

of debility which is the next door neighbour to disease and sometimes is even worse than disease there is a debility below a certain point in which the pat is unable to rouse as syncope, palsy, asphixia &c in which excitability is highly accumulated here gentle and weak stimuli are proper a few drops of cold water friction smell of burnt feather &c will generally do more service than the most violent med. practicon is generally bitter in palsy than the most powerful stimuli when excitability and excitement are more nearly equated as occurs in the first stage of malignant fever & the last of chronic diseases in which the most powerful stimuli are necessary. as caustic red hot iron boiling water fire coals &c but when a total disunction of a part takes place which in animal matter

matter is called gangrene the stimuli should be applied round the part as turpentine hot poultices blisters &c with the internal use of bark wine and Opium

Tonics are exhibited

1st By the mouth
2d " Injection
3d " the nose
4th Internally the mouth is the best channel for medicine Opium may be given by way of Clyster in this way it is necessary to administer this medicine as much as when taken into the stomach to be as effectual Spirits camphor volatile Salts &c may be applied to the nose Di Che Poem of mount pellier with camphor and Opium applied externally cured obstinated menses Uvth digitalis Dropsy cured with wine and Spirits ale

all kinds of fevers in these cases
the friction performed by the hand
was the principal means of cure
I have known Camphor and Oil
dissolved in sweet oil act like a
charm in pains of the kidneys when
externally applied to the part
Shoemakers wax & burgundy pitch
applied to the soles of the feet
cure head ach Spirits to the abdo
men to relieve Colic sweat
to the abdomen to relieve ascite
cites when rubbed over the whole
body has cured inflamatory fever
a warm hand has removed a
pain the manner in which
these medicines act is
1st By friction
2d By exciting a determination
of the fluids to the ~~surface~~ part
3d By sympathy sometimes
these three all combine
the parts to which these med

medicines may be applied on the stomach belly inside of the thighs near the perineum soles of the feet arm pits back bone inner arms there are some who have a susceptibility to some diseases in consequence of a Idiosyncracy

Medicines which remove disease by abstracting redundant & foreign matters from the body which offend by their quantity or quality these matters are mucous worms &c and the medicines Purges Diuretics emetics Diaphoretics Deobstruents Sialagogues of which we have before treated

Medicines which remove disease by their mixing with and destroying matters which offend by their quality.

1st Magnesia destroys acids in the stomach by uniting with & extinguish them

2nd Bilious Colculi by lime-water vegetable alkali sulphuric acid &c

3d The itch is cured by sulphur and Mercury the Venereal disease by mercury demulcents are used to allay. The cough in catarrh these last are flax seed tea decoction of bran Mallow sulphur Mercury &c

Medicines which remove disease by removing obstructions obstructions as I said before are not the cause but effect of disease these produce disease by reacting and occur most frequently in the the viscera & Lymphatic glands thus we see morbid debility disease and obstructions at the same time

These Medicines are certain Tonics called deobstruents as Bark Steel Mercury Arsenic

arsenic the cold bath external applications local bleeding and fear act powerfully & I think it is in this way the royal touch acts I will conclude this subject with observing that obstructions are effects of acute and chronic inflammation and when V.S. has been used in time they very rarely occur

of Medicines which are supposed to cure diseases by changing the quality of the fluids or the texture of the solids These are the passes with which I am little acquainted and as Dr Beddoes has rejected them without since so much about them I think we may regard them as useless.

Medicines for relieving pain pain is the effect of disease the remedies should be prescribed

and accommodated to the state of the system but pain is sometimes a remedy in these diseases in these cases it should not be relieved

1st Opium in large doses relieves pain by bringing on an insensibility and thus reducing the system to the sleeping point in giving large doses care should be taken that the seat of the pain is not in a part where effusions are dangerous as in the brain &c

2nd Vi. Belladona relieves pain as in pleurisy headach gout Rheumatism colic &c

3d Lastly relieves pain Dr Recently informed me that a criminal who was put upon the torturing Machine lost the pain with fortitude in consequence

his passing two or three days before those who dye of pleurisy never feel pain after the first four days because at this time they loose their sensibility

4th Cold water cures pain when there is great morbid action this was often experienced in the fever of the year 1793 given in the way of injection it acts like a charm in hemorrhoids

5th Warm water acts as an anodyne in morbid action Peppermint often relieves a slight headach

6 Demulcents often relieve pain as poultices sweat oil friction of the hand or fresh skin or the maw of a cow on the stomach frequently cures colic in children

7 Fever chases away pain when attended with great morbid action

8 The Cheerful conversing ~~Hallowing~~ and gnashing the teeth &c crying often ~~relieves pain~~ Mitigates pain

9 the whipping relieves pain for instance the dog that was whipped after taking a large dose of nux vomica by Dr Faitly he also gave arsenic to another who was also whipped and discovered no signs of pain from the arsenic

10 Sounds relieve pain I once heard of a man who was relieved from the pain of the gout by making his servant sing very loud It is perhaps in consequence of this that we seldom see nurses children cry at the same time the child that cries the loudest generally relieves the others pain being in a great measure relieved

11 Employment both of body and mind A gentleman of Petersburg Russia relieved himself of pain by turning himself around

12th By cupping

13th Cold water when pain when pain proceeds from rest thirst &c

14th Sulphur when pressed between the fingers cures Muscular spasm mechanically

15 Metalic or other sharp pointed instruments

16 Animal electricity & magnetism

17 Country air hundred ~~breathe air~~

The next and last article in our Therapeutics is the means of obtaining longevity

Means of obtaining Longevity

This is not foreign to our subject in life there is a constant tendency to death and longevity is only obtained by accommodating excitement to excitability or the stimulus which support life

The same rule which prevents on one state of the system does not on another but due to the regulated to the different states of the system. Let diet drink exercise &c be accommodated to the different habits and and states of the system as stated by Lee &c I cannot dismiss this subject without regretting that there are so few books which are not written imperfectly for few are written to accommodate the remedies to the different states of the system hence the many contradictions in them few medicines alike in the same disease at different times this we see that Opium at one time relieves pain and at another increases it. It is so with all medicines for short medicines are only relatively good that is they only do good when they are suited to the different states of the system

when I hear that Wy is prescribed in fever or Cynanche Trachealis without attention to the state of the system I feel as if I were listening to a regular bred quack such Physicians remind me of the Burmandian sailor who on his passage to the west indies threw ~~shingles~~ shingles in to the sea in order to find his way back again more easily as well might we expect that the alphabet when jumbled in a box would fall out in form of an epic poem as that medicine would cure disease when thrown in to the system without regard to the symptoms & stages of disease or in short the state of the system here their gentlemen we take our leave of Therapeutics and come next in order to the parish and last subject viz The Practice of Medicine. Deo Gratias

6

# The Practice of Medicine

gentlemen

We come now to apply the principles laid down in our Physiology Pathology & Therapeutics to the practice of medicine this is the most important part of our science. It is that point to which all our pursuits in the science of medicine are directed and happy is he who from the principles laid down deduces a rational and successful practice

~~The question that first arises is what arrangement in our diseases is the most proper~~

In our Therapeutics we consider the general remedies for disease as an unit I now shall consider

diseases seperately and their particular remedies you are not to expect me to enter into copious extracts from authors as to the nature and cure of diseases the first would be unnecessary as most of you have the best authors in your possession or can easily procure them The last would be in vain by reason as it would not be in your in curing diseases I shall deliver you all that I have learned from reading seeing and hearing for more than fifty years Part It has been the fate of medicine in all ages to be explained upon fashionable principles Thus the actions of the functions of the human body after the discoveries of Sir Sir Isaac Newton were explain

explained upon mathematical principles next upon metaphysical by Stahl and others then upon those of chemistry and lastly upon those of natural history and Botany by Sydenham classifying diseases as they did plants and animals. Let it not be supposed that I mean to say any thing against those sublime and useful studies but they should be treated as the handmaid not the mistress should be allowed to follow not to go before. The question that first arises is what arrangement is most proper in disease. It has long been a custom to divide diseases into Classes orders genera & species. This is called nosology but which I have long since rejected

This was first suggested by Sydenham it was followed by Cullen but notwithstanding I received my education in a nosological school I have rejected it because the experience and reflection of many years in forming me that it led to error for the following reasons

1st Nosology is incompatible with our knowledge of anatomy and Physiology

2d Nosology is incompatible with the exciting cause of disease since debility is only the predisposing cause of disease and morbid excitement the proximate and the same exciting cause producing different diseases disease like fire is an ~~entire~~ unity let it be brought on by what cause it may

3d Nosology is incompatible with the proximate cause namely morbid excitement which produces different degrees of the same disease

4th Nosology is incompatible with the order of epidimies for Sydenham says they often combine and run into each other in London

5th Nosology is incompatible with the seat of disease for we often find them occupying of the body every part in succession now we can with as much propriety give a different name to the rain which falls on the hills in distinction to that which falls on the valley as a different name to a club as it is applied to different parts of the body by an angry man as to give different names to disease as it changes from one part of the body to another yellow fever in a few days occupies every part of the body and at every change gets a new name

But the gout let it occupy as many parts as it will is gout still Last Summer I attended a lady with the gout 1st in what nosologists call gastritis 2 Enteritis 3 Cystitis 4th Hepatitis 5 Pyrosis 6 Hepatitis of which she died now will any nosologist say that this women had six diseases or combinations of diseases she had but one disease and that was morbid excitement

Strange! nosologists allow gout to be an unit and why divide fever into as many different diseases as there are symptoms

6 Nosology is incompatible with the states stages and changes of disease taking no notice of them by these stages and changes of disease you see it cannot be divided like animals and plants into Classes orders &c

for it is impossible to change an ox into lion or an oak into an apple tree they are precisely the same now they were one year after their creation in not taking notice of the stages of disease has rendered many diseases fatal which might have been cured had the Physician believed in the unity of disease

7th Nosology is in compatable with the seats of disease how often do we on dissection find parts which from the symptoms before death we had reason to believe were diseased perfect by sound and vice versa

Heberden relates the case of a man in his fiftieth year who was effected with pain & sickness at stomach this soon left him and was succeeded by pain in the region

This was followed by pain in the calf of the right leg but without swelling or discoloration this was succeeded by profuse diarrhea of which he died on opening the body instead of finding the liver stomach and intestines diseased as was supposed they were perfectly sound but a large abscess was found in the spleen what becomes of nosology here? who could have told the spleen was diseased from the symptoms I could enumerate an hundred such cases at a thought proper

A th It is incomprehensible with truth for it combines diseases which have no connexion

q Nosology excludes most of the diseases of children particularly of the viscera for the want of speech they are unable to give

a history of their complaint this is particularly the case with those under two years old

10 It dooms all domestic animals to death for the want of speech But I shall say here after that by the appearances of the eye the countenance the pulse &c we can judge as well of the diseases of children as grown people by this doctrine of the unity of disease

11 Nosology does not allow of attacking disease in its forming state but must wait untill its take on its pathognomonic form or developes itself before we can prescribe to use the expression of a Dr in virginia ~~the case~~ whose case the Dr Pelely ~~was~~ who was called to a pat but absolutely refused to prescribe the succeeding day saying the disease had not developed itself since he was waiting

untill it should that he could determine to what genus or species it belonged that he might prescribe accordingly and the Doctor supposes he deserved great credit for his sagacity in not prescribing for a disease which might probably have been cured in its incipient state by a drink of sage tea or a mild cathartic this is nosology ~~the~~ was right if a man is honest he cannot prescribe untill a disease develops itself whereas our doctrine enables us to attack disease in its forming state and cut it short as it were in the germ

12 Nosology does harm by making as many diseases as there are symptoms now there is no difference between inflamation of the lungs and bowels when the same remedies are to be pre

prescribed in both gangrene is the same whether from heat or cold
Hydrocephalus internus is the same whether from worms in the bowels or contusions on the head
Rheumatism is the same whether from heat or cold yet nosology makes all these different diseases thus prescribing for the names of diseases has slain its thousands and that in the hands of regular bred Physicians
13 Nosology has done harm by prescribing the same remedies in different stages of the same disease
14 Nosology does harm by multiplying ~~the~~ remedies for disease hence originated the brain wort the liver wort womb wort spleen wort &c now we can expell all those from the materia medica and have a suffi-

and have a sufficient number left by a proper combination of them to cure all diseases this is not mere ~~extract~~ abstract reasoning you have many of you seen mania and Rheumatism cured by the same remedies in the Pennsylvania hospital Vy Vy. Cathartics low diet &c

14 Nosology does harm by allowing certain pathognomonic symptoms this divided the Physicians in 93 one denied that the prevailing fever was the yellow fever untill he saw the yellow skin while others looked for the black vomit.

15 Nosology has done harm by getting an art the name of conjectural and uncertain when if the unity of disease had been believed it would never have received this name

I do not expect we shall in every instance be able to discover the precise seat of a disease neither do I believe it was intended we should know for it would often do us harm B Nosology does harm by causing the Physician to depend entirely upon his memory Nosology may be compared to a large Cabinet which requires a different key for all the different States of depression oppression Prostration &c all of which call for a different treatment and are so liable ~~to run in to~~ to change into one another require a Physician to watch day and Knight he may be compared to a Mariner in a latitude unknown and always exchanging and Boisterous Sea where he must keep his eye constantly upon the compass and rig or unrig as circumstances may require while the unity of disease may be compared to a cabinet the doors of which

are so constructed as that all the doors may be opened with one key the difference between nosology and the unity of disease is nosology is hard to be acquired but easily practiced whereas the unity of disease is easily acquired but difficult to be practiced (Judiciously) It is said that some eminent physicians when nosologists as Cullen Sydenham &c but the fact is that when they came to the sick bed side they laid aside their nosology there is a difference between the pain in the cerebrum and cerebellum between the external and internal parts of the liver between the neck of the bladder or its body the large intestines and the small hence according to nosologists we have external and internal Hepatitis &c for I insist that all these are nulled to their names now if we admit the large divisions we must the small

and if these distinctions are proper here why are they not in anatomy and Physiology from such reasoning the mind turns with loathsomness and disgust where was the reason of men when ~~when~~ they were first divided? where was the great mind of Sydenham when he first arranged them? we read that the prince of Poets sometimes sleeps let us suppose that the prince of Medicine Sydenham slumbered at this time in imbracing this theory of the unity of disease let us not forget the age and country in which we live some truths like certain ~~lignous~~ lignous require ~~strong heads to bear them~~ young and strong heads like young not yet callous to prejudice to bear them it will require such as young to bear strong minds the unity of disease

It will be necessary for you to be a
quainted with nosology so long as it keeps
its present strong hold among Physicians
and occasionally among our pat- A lady
in London sent for her Physician and
was bled a few days afterwards a tingling
blackness appeared over the incision at
which she was greatly alarmed She
sent for her Physician again to enquire of
him what it was & to have something
done for it he told her that it was
nothing more than a spot which
frequently attended V.S. and it wd
disappear in a few days he refused
to give it a name but made some
slight application this did not
satisfy her and consequently she
sent for a second who made a sim
ilar reply her fears were now
increased she sent for a third who
upon looking at it cried out Ecchy-
mosis madam Ecchymosis madam
gave her some tingling medicine
to apply to the arm and departed
the lady was then completely satis
fied She dismissed her former Phy-
sician for this test & held him in the
highest esteem merely because
he named her disease

Remember this gentlemen and always be ready to Cecky may never bid excitement for a while until the unity of disease is is ~~established~~ completely Established I have to do it every day in my practice I will recommend to you Cullen as a nosological author you will find him also useful in describing disease Dr Brown has made another division of disease into Stenic and asthenic Subject to this division

1st Because debility is not a disease

2nd Because they pass into one another half a dozen times a day

Dr Darwin has divided disease into four those of Irritation volition sensation & association but as well might we divide the clouds by their different colors in a windy day for what has volition to do with disease when they all originate from the same cause This Principles are borrowed from Dr Browns and Dr Cullens and consist only of a new arrangement

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except the Lymphatics on which he has thrown considerable light his facts have muzzled Medicine in 1772 I arranged disease as they effect particular parts as the blood vessels viscera &c but I have since relinquished it error it is said nature abhors a vacuum I say I he equally abhors nosology Hypocrates compares nature to a circle but the unity of disease may be compared to a point not to a circle Nosology may be compared to a court which takes cognisance of high crimes only while the unity of disease may be compared to a System of morals which not only takes cognisance of capital crimes but does not let the least however small go unpunished there are many other Theories of Medicine but however numerous and however respectable the authority which support them may be they are all opposed by the doctrine of the unity of disease I have divided disease into two great classes

1st Those which effect the b. vessels

2d those which effect the B. vessels nerves muscles viscera &c yet I do not confine fever exclusively to the B vessels therefore this arrangement is imperfect but it is necessary we should have some thing of the kind and this is the best I can offer at this time you may see something of the theory of fever in my Medical Eng. it ought not to be called a theory it is nothing but an history or detail of facts I shall pursue the course prescribed in our syllabus and shall conclude by making some remarks on local complaints and the means of ameliorating or easing the pains of death

I have before said that the blood vessels were the out parts of the system when they labour much for the benefit of the system and from their exposed situation are ~~they are~~ much more ~~exposed~~ subject to disease (Hy fever) before proceeding to the immediate consideration of fever I shall deliver some general ~~observations~~ observations

1st Fever is always preceded by general debility either from action or abstraction (the first Dr Brown calls indirect the latter direct debility) no matter which only from abstraction is most apt to produce it but that they both produce it by expending excitability That fever is preceded by general debility I infer

1st from the causes which produce general debility violent passions of the mind

2d When debility is produced a
predisposing cause is produced
for debility is not sufficient to
produce fever reaction must
take place in the blood vessels
to produce it and the cause
of this reaction is the exciting
cause of Fever this will at
once explain what I have
said before of the blood vessels
being the out posts of the Sys-
tem but altho I admit re-
action I deny the vis medicatrix
of Cullen it is a simple re-
action of elasticity and mus
cularity that the arteries are
elastic and muscular has
been proved by Mr Hunter
if we throw a ball against
the wall it will rebound
back again Is it because
the ball possess vitality
and sends it back? No. Just
so Does the System

(The unity of disease altho it does not require so great memory ~~it~~ as nosology yet it does not beget tedious on the other hand it requires very close attention to the remote predisposing exciting and proximate cause of disease and also to the state of the system in the practice of medicine attention should be paid ~~to~~

1st To the predisposing cause
2d To the force of the disease
3d To the intermittions remissions & exacerbations
4th To the seat of the disease
5th To the constitution and habit
6th To the season of the year for ~~th~~ diseases in the time of an epidemic require a treatment more or less similar to the prevailing epidemic
7th To the debility preceding the crisis of the disease
8th To the convalescent state ~~of~~

all the considerations shew that the practice of Medicine according to the unity of disease requires more attention than when regulated by nosology the unity of disease places a Physician in the situation of a Mariner who must in the pathless Ocean keep a steady eye on the magnetic needle and who has to let go his half yards full and unfurl reef and unreef his sails hourly as the Ocean requires) many definitions have been given of disease but they are all exceptionable - Cullen defines disease to be an irregular and apparent performance of the functions of the body and mind but this is incorrect for we see disease exist without the functions being perceptably deranged if he had added generally it would have been more proper

Fevers are not General I have said before that there was no such thing as a disease of the whole system hence we see
1st ~~the~~ The blood vessels effected
and not the heart
2nd the whole arterial but not the pulmonary
3 ~~th~~ One side of the body and not the other
4th The internal blood vessels but not the external while this ~~debility~~ increased action is going on in the blood vessels debility is increasing in the stomach bowels & by the excitement being abstracted from them to the arteries this is an error. lec. we will apply this to fever
1 has the body been debilitated by cold? does not fever insue?
2 has it been debilitated by the abstraction of heat? The change of wind from south to north or any sudden change in the

weather from heat to cold? is
not fever excited
3 Has the body been suddenly
debilitated by violent exercise?
is not fever produced? but it
may be asked how are we to
account for fever produced
by small pox or Measles? an-
swer that the contagion pro
duces fever still the system is
in a depressed state there is a
difference in the effects of
stimuli when accompanied
with predisposition and
when not in the last it is equal
but in the first it acts with
greater violence and thereby
produces fever &c
4 There is but one remote cause
of disease that is stimuli this
causes pleurisy whether from
heat or cold from hemorrhage
of gout whether produced from
yellow fever measles small pox
or what not it is an unit
and requires near by the same
treatment

There is however a seeming objection to this for how does cold meat of flesh great evacuations &c act as a stimulus to produce fever I answer that they destroy the equilibrium of the system and thus act as stimuli thereby produce fever

6th There is but one fever whether produced by heat or cold or whatsoever cause shall there is but one ~~cause~~ Fever I exclude from this local injuries which by irritation draw the whole system into sympathy and action the uniformity of the action of the arterial in fever is apparent from that irregularity produced by exercise from all that has been said above I think that we have reason to conclude that fever consists in the irregular & convulsive actions of the ~~arterial~~ blood vessels but there are two kinds of this irregular

 action

1st The irregularity of the blood vessels
2nd The irregularities of the determinations of the blood to different parts as the head liver &c the same cause may produce debility depression and oppression in these cases the blood vessels as it were are taken by storm I repeat it again fever consists in morbid action alone its effects are Inflammation and effusion this distinction it is necessary to attend to as it enables us to cure fevers in ~~so~~ their forming state before inflammation or effusion has taken place this Idea of morbid action teaches us not to attend to the appearances of the blood but to the state of the System
from this view I have given of the state of the blood vessels you will see the difference between my opinion and Dr Browns on this subject the Doctor supposes a fever to consist in debility I do not admit debility to be a disease

I do not admit debility to be a disease but place it wholly in morbid excitement induced and fixed by previous debility (pars dolens haret) he makes disease to consist only in a change of the natural action of the blood vessels. I maintain that it consists in a preternatural and continue action of the blood vessels. Lastly Dr Brown supposes excitement and excitability to be equally diffused but in unhealth proportions to each other my theory of fever places fever in excitement & excitability unequally diffused manifesting themselves at the same time in morbid action depression and debility from abstraction in different parts of the body no new excitement from without is imposed

in the system which excite fever they only destroy its equal and natural distribution for while the arteries are in a plus state the muscles stomach and bowels are in a minus state of excitement and the business of medicine is to equalize it in the cure of fever that is to abstract its excess from the blood vessels and to restore it to the other parts of the system morbid action in the blood vessels whether it consists in force or frequency and preternatural force without frequency or frequency without force constitutes fever excess in the force & frequency of the pulsations of the arteries have been considered as the characteristic mark of inflammatory fever

There is however a much greater excess of irritating impression upon the B. vessels. These are preternatural slowness, intermissions and depressions in the pulse such as occurs in malignant fevers. But there is a grade which transcends inflammation or that which produces inflammation. Inflammation I consider the second grade of fever morbid excitement is the first and highest this highest occurs in Hydrophobia Hysentary colic and Burns. From hall late by informed me upon the authority of

Twelve have Physicians sought by dissections the cause of fever in those cases followed by death in those parts of the body which were supposed to be diseased from pain and other symptoms to be principally related no marks of inflammation nor of the least deviation from a healthy state have been

 found

I have ascribed this apparent absence of disease to the vessels being too highly excited and therefore too much contracted to admit the entrance of red blood into them I wish these remarks to be remembered they have delivered me from the influence of several errors and they are capable of properly applied and attended to of leading to many important ~~facts~~ deductions in the practice of Physic I shall now mention briefly the effects of Fever or morbid excitement on in the blood vessels when not removed by Med. These are

1st Inflammation it is produced by an effusion of red particles of blood into serous vessels constituting what Dr Broom have called error loci.

2d Effusion of the serum of the blood

3d Effusion of the lymph which sometimes forms itself into a membrane which adheres e.g. in the Larynx in Cynanche Trachealis or in to the thorax in Pneumonia

4th Secretions of pus also sloughs
5th Effusion by rupture or a congestion of all the component parts of the blood

6th Gangrene from the death of the blood vessels

7th Redness Phlegmon pustules petechea on the skin and tubercles in the lungs liver bowels &c

8th Air in the cavity of the intestines

9 Serum

10 Calculi and other earthy matters

11 Death this arises from the following causes

1st Sudden abstraction of the excitability of the blood

2 a disorganization of parts eminently necessary to life

3 a change of the fluids so as to render them destructive to the parts called vital or vital organs

4th Debility from the exausted or suspended state of excitability of the blood-vessels all these effects of fever are apparent according to its grade Dr Blane says fevers are rarely in the west indies id. est. they pass rapidly from ~~simply~~ ~~from~~ simple morbid excitement to congestion Hemorrage & empyrema or death this remark is confirmed by Dr D who says the pneumonia in the French West indian Island among the negroes rarely appears in any other form than that of the Natha from the arteries in the lungs being too highly stimulated to produce common inflamation but such is the force of morbid excitement in hot climates that it sometimes ~~[illegible]~~ ~~[illegible]~~ suddenly runs over all its intermediate effects and discovers itself only in death

Fevers may be divided into 6 classes

1st Such as effect the venal arterial system but without any local affection

2 Such as effect the whole arterial system and are accompanied with evident local disease

3 Into such as appear to pass by the arterial system and to fix themselves upon other parts of the body I shall call these misplaced states of fever under the first head I shall class my twelve summary forms of fever

1st Malignant
2nd Angrenous
3d Synochus
4th Synocha
5th Synochula
6th Synochoid
7th Typhus mitis
8th Typhoid

8th Typhoid —
9 th Typhus —
10 th Intermittent
11 th Hectic —
12 Febricula —

Of the twelve primary forms of fever I have before observed that I divided fever into three classes
1st Into such as effect the whole arterial system without local disease
2d Into those with local disease
3 Into those women have by the arterial system and fix themselves upon other parts of the body
To the first class belongs the 12 primary forms or states of fever formerly enumerated and to the consideration of which we will now proceed

I Malignant fever this is the highest grade of morbid excitement it attack without a chilly fit having a depressed slow and intermitting pulse with come absence of pain and sometimes with a natural ~~coldness of~~ temperature or a coldness of the skin it occurs in the plague yellow fever small pox & measles in Hydrophobia and after taking opium and other stimulating medicines they are the effect of such a degree of impression as to prostrate the arterial system and to produce a defect of action from an excess of force such as this excess of force in some instances as to induce general convulsions Tetanus & palsy and sometimes to extinguish life in a few hours by means of apoplexy and syncope The by violent degree of stimulus in this state of

In this state of fever produces palsy in the blood vessels it begins probably in the veins and extends gradually to the arteries it seems far then to begin in the extremities of the arteries and extend to the heart this is evident in the total absence of pulse which sometimes takes place in this fever 24 hours and once 48 hours before death but there are cases in which this palsy effects both veins & arteries at the same time it is probably from this simultaneous affection of the blood vessels that the arteries are found to be nearly free from blood after death from malignant fevers The depressed and intermitting pulse which occurs in the beginning of these fevers depend upon a tendency to palsy in the arteries independently of an affection of the heart or brain

of this prostrate state of fever when left to itself more frequently terminates in petechia Bubaes carbuncles abscesses and mortification as serum lymph or red blood is effused into the viscera or external parts of the body these morbid appearances have been ascribed to putrefaction and the fever has received from its supposed presence the name of putrid the existence of putrefaction is rendered improbable

1st By Dr Pighati's experiments which prove that it does not take place in the blood in a living state it occurs in the excrements as the bile feces urine &c but in this case it does not act as a ferment but a stimulus only upon the living body

2nd By similar appearances with those which have been ascribed

to putrefaction having been produced by lightning violent exertions of the mind by extreme pain and by every thing else which induces sudden disorganization in the solids and fluids

3 Large doses of Opium sometimes produces the same symptoms which are produced by the stimulus of Marsh Miasmata by its stimulus they are a slow pulse come vomiting cold sweats suppression of urine & (it might be called a chronic sed state of fever)

II The Dangerous fever this is the issue of violent inflammation left in the hands of nature or accelerated by ~~stimulating~~ stimulating medicines

III The Synochus Fever or common inflammatory fever attacks suddenly and with chills it is known by a full quick and round pulse without ten tension

The Synochus fortis this is known by a full quick and vaunt pulse without tension the autumnal bilious fever and colic also the gout often appears in this form

The Synocha fever or common inflammatory state of fever this attacks suddenly with chills it is succeeded by a quick frequent and tense pulse great heat thirst & pain in the bones joints breast and head. Those symptoms occur in the the Plague Jaid and yellow fever and the small pox but they are the same common characteristics of the plenisy gout and Rheumatism and now and then occur in the Influenza Measles and pulmonal fever

The Synochulo Fever here the pulse is small but tense and quick it occurs in the chronic Rheumatism

and pulmonary consumption

The Synochus mitis

The Synochoid a low chronic state of fever it is composed of the Synocha & Typhus

The Typhus or low chronic state of fever this is known by a weak and frequent pulse disposition to sleep torpor in the alimentary canal tremors of the hands dry tongue and in some instances by a diarrhea it occurs in the Jail fever hospital fever

The Hectic state of fever

this differs from all the other states of fever by the want of regularity in the paroxisms and appears to be an exclusive affection of the blood vessels it occurs in the

It occurs in the pulmonary consumption some cases of lues venerea or Scrophula and gout and most other states of fever The form of the pulse is varied being sometimes Synochoid Typhoid & Typhus

The Intermitting or remitting state of fever, these are common to all the states of fever that have been mentioned but occur most distinctly and universally in those which partake of the bilious character

The Febricula This is that state of fever in which the morbid action of the blood vessels is so feeble or cancelly to be perceptable It is known to the lay by the name of innocent fever these twelve states of fever seldom appear in the simple forms as we

they have been mentioned but often blend their symptoms and sometimes all appear at different times in the course of a fever these changes are to be sought for in the changes of the weather &c

The premonitory symptoms ~~are~~ of the coming state of fever are

1st Elevated but natural excitement it is known by extreme hilarity & vivacity increase of appetite wakefulness &c

The Remedies are abstinence rest gentle evacuants sometimes a bleeding it appears more frequently in children

2 Debility this is known by loss of appetite giddiness

Camphor disposition to sweat costiveness sleeplessness with disturbing dreams &c
The Remedies are rest gentle stimulants Pediluvium warm bath Cheerful Society Laudanum ~~in~~ 20 or 30 drops with a little hartshorn hope the distributing drinks pouring cold water on the body has been recommended by Dr Currie moderate exercise of the understanding &c
3 Depression this is known by a weakness of the limbs inability to stand or walk lassitude dry and cold skin disturbing dreams chillness shrinking of the hands & feet yawning &c the act of undressing has excited it even travelling in some mild fevers has rendered them mortal the remedies here are perfect rest gentle stimu

as diluting drinks has to distend the stomach a warm bed a few drops of Laudinum or Sweet camm cerui D'ocilumium & gentle measures these are most proper in the forming state as purges emetics bleeding this last should be moderate and confined to a few ounces which will often destroy it in its forming state while larger quantities will induce it gentle sweats or or diluting drinks discharge of heat thro the body by cool or cold water Dr Tohn Brown speaks of his thunder bolt pill as puking and purging at the same time which I believe to be composed of Calomel & Tartar emetic only Besides these there are many other accasional symptoms

of the approach of fever as a hot dry parched and sometimes a moist skin breaking out of old ulcers dimness of sight a smell like hot sulphur & disrelish for accustomed stimuli as tea coffee & Tobacco & a restlessness & dryness of the skin &c

The system is day by exposed to the predisposing cause debility and a small portion of morbid action and we can frequently by attending to this state prevent the formation of any fever but when formed can seldom cure it The advantages therefore of attacking fever ~~at~~ are many by so doing we ~~can~~ sometimes prevent its formation and duration but after it is formed the skill consists in preventing death

Dr Cleghorn says when a fever is formed it cannot be cured but will run its course here I agree with him and say that fevers cure themselves as is thought in great bi tain but to this there are some exceptions

1st Hemorrhagies have strangled fevers this has occured in the west indies

2nd An attack of the colica morbus has produced the same effect

3d Sweating has also but rare ly effect the third or fourth day this single testimony

4th Fear and Terror have extinguished a fever when formed

5th Opium in large doses taken by mistake has had the same effect

6th Large doses of henbane has produced the same effect

7th A quart of wine or a pint of spirits has destroyed a fever tho I have known death from this cause result 8th Cure has cured them on the 2d 3d & 4th day by the effusion of cold water nen ven often the fifth and these I shall remark that they are all dangerous remedies convalescence slow producing obstructions often inducing death finally I shall observe that many fevers cure themselves Nosology considers the forming state of fever as based (a Nolimetangere) hence another source of mischief from this many headed monster

If the Remedies for the 12 primary forms of fever when formed they consist of

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1st Such things as lessen by their abstraction of stimulus the morbid and excessive action of the Blood vessels or exciting them when reduced below the point of reaction

2d Such as acting on the stomach bowels brain skin & equalize the the excitement of the whole system and thereby indirectly by destroying a weak action in the blood vessels by imparting to them a more vigorous and healthy excitement. The remedies which belong to the first general head are evacuants

these are

1st Blood letting For a full account of the advantages of this invaluable remedy refer you to my Enquiries Defence of B. I shall only mention here those states ~~of fever~~ and circumstances

which has bid its use they are
1st Vs. Sh. be used very sparing
ly in cases where from the ex-
cessive force of stimuli the sys-
tem is prostrated below the poi
nt of reaction of cause propur
Vs. would abstract small por-
tion of stimuli and hasten
death
2nd After the third day of malignan
ceur if not used before it is im
proper as the system is then be
low the point of reaction The
remedies here are purges mini
ctus &c
3d In weak morbid action of
the blood vessels or what Dr
Dewees calls a tendency to
irritability in the blood vessels
as in in weak bilious fevers
Typhoid &c Lungs the remedies
here are purges & then cordials
4th In the diseases of habitual
drunkards Vs. Sh be used very
sparingly because in these

cases the blood vessels are so much
over stretched that they cannot
contract in proportion to
the quantity of blood drawn
5th Copious blood letting is for
bidden in very fat people
6th In the peripheral heart for
the system is so far prostrated
below the point of reaction
that it is even improper in its
first stage in the year 48 it
was the case the system was
first raised by gentle purges
after which I invigorated it.
7th In this cases of centrifugal de
termination eg in phlegmon
engina tonsilaris &c without
evident symptoms of suppuration
in 3 days after commencement
of the action
8 When there is an alarming
and dangerous symptom

from the very great dread of
the lancet But in all these
cases the pulse should be the
guide there are however some
cases of Hemoptysis in which I
would not bleed altho the pulse
be tense before it be reduced
by purging and lastly there are
some cases of Hemorrhagic, with a
tense pulse (or Hemorrhagic fever
also the Febrile state of fever)
which cannot be reduced by
V.S. but there are some stages in
other diseases in which the pulse
is slow or as it were insulated
1st In morbid affections of the brain
2nd Of the lungs
3d In Malignant fever
4th In chronic inflammation of
the liver &c but shall an
estimation of the pulse lessen
because it does not always
shew the disease No gentlemen
The manner never keeps his
eye from off the complexion altho

it varies continually great Pain is necessary when the pulse is absent or declines as the pain heat respiration &c are to be attended to and may direct us V.S. is frequently necessary in Colic Strangulated Hernia and gall Stone when the pulse is natural and I have seen bled with advantage when the pulse was feeble V.S. is either general or local the first is ~~general~~ by the lancet the second by cupping leeching & vomiting last is of service in local inflammation as in opthalmia

2d Vomits they are forbidden 1st In fevers of great morbid action as Hematimisis & rupture &c they are useful in diseases of moderate morbid action

as in pulmonary consumption &c
they are more safe in children
than in old people and more
safe in old people than in mid
dle aged persons in pregnancy
and in persons subject to ca-
tholic complaints or Rupturs,
they should be used with great
caution to be effectual they
should be given frequently
I have given emetics twice or
three times a day in scarlatina
anginosa with success agre-
able to Mathering nature sometimes
cures ~~hereby~~ diseases by
calcea Mortus and Hemorrhagia
as in the yellow fever of 1793
the best emetic is Tar antimony
when emetics are proper the
less liquors taken with them
the better

3d Purges These are better and more safe than emetics they invite disease from the parts affected to the intestines by creating unusual morbid action in them They are Salts Balance Jallap Scammony Gamboge &c Jallap & calomel are the most proper in bilious cases and should be given once a day they are useful to take off pressure from the bladder whenever the feces shew a disposition to pass off by the bowels The bowels should be cleansed 3 or 4 times a day or a clyster should be resorted 3 or 4 day by means of calomel Jallap & Rhubarb and if necessary clysters should be given to assist they relieve the kidneys aorta &c ~~too~~ from the pressure of the feces &c

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They unstrung the System by their emetics it is to be lamented that the prejudices of people often prevent our obtaining all their beneficial effects a clyster syringe should be a part of the furniture of every family by stimulating the rectum too we often draw morbid action from other parts of the body Suppositories shd also be used when we fear blood clysters frequently check vomiting by producing a revulsive action

4th Diaphoretics These act by stimulating and are improper in fevers of violent morbid action they are stimulating medicines Nauseating liquid med. These are improper we should never make a sick stomach but on the contrary prevent it

Warm bath acts as a powerful sedative when it succeeds it does good but when it fails of this effect it does harm I find warm bed baths to do much better

Cold bath This reduces morbid action without inducing sweat

when the heat of the body is above
118 Hot sweat oil rubbed over the
body induces sweating the great
weight of bed cloths This is perhaps
the best method Dr Sydenham
is the author of it the warming
pan Bottles or bladders filled with
~~water~~ warm water hot drinks
covering the whole body over
breathing the Nitrous air some
time sweating should be pro-
portioned to the strength of the
pat some times it should be
continued as long as 24 hours &
at others ~~left~~ the pat's linen shd
frequent ~~by~~ be changed

1st Nauseating medicines ~~these~~
~~are~~ have seldom done much
good but much harm Ulcer-
tings shew us these act by ~~be~~
ing acrimony & there are
many medicines recommended
to produce sweating they should
be combined with
we should rely only on external
remedies these are Rarely necessa
ry ——

Sialagogues These are Mercury &c
Mercury Salivates are very rare in Phil
in Malignant fevers but in those
which run their course in 4 or 5 days
it seldom reaches the mouth
There is a certain point at which
Salivation shd be recommended
Mercury should be used either in-
ternally or externally by friction
with the ointment Rubbing cal-
omel on the gums and prinipeta
When Salivation should be brought
on speedily all other methods shd
be used But these have many
disadvantages as relating to the Cheek
and gums & tongue &c Mercury
is only a medicine of necessity
Blisters These are the weakest of
all depletions and should
never be used in fevers of violent
inflammatory action Jackson
says they are forbidden in a
hot and dry skin recollect
how they were forbidden in
our Therapeutics from a view
of all the different substitutes for
bs. we find them all inferior
to it. it does no violence to the

The system or senses fend even air from an improper use of it while than and the from purges vomits &c

Remedies which abstract the stimulus of heat these are cold air cold water &c

1st Cold air this acts negatively in abstracting heat it should be proportioned to the heat of the body when it is at 108 it should be used it should also be ~~[illegible]~~ proportioned to the state of the system for if 62 were agreable in health 50 or 48 in sickness is best It was for this Sydenham recommended to his Pts to get out of bed once a week in the cool air and if unable to get up to be thrown out of bed many fevers partid rising out of bed here the bed cloths shd be removed & so that it may have access to every part of the body

2d Cold water this is useful when there is great morbid action with a dry hot skin Bruce says the Mes Lepreaux cure themselves by ~~suffer~~ lying on their beds and suffering themselves to be drenched with

to be exercised with cold water
The modes of using water are many
1st By applying it to the whole
body This mode should not be
used unless much exercise be taken
along with it so as to expend exci
tability as well as to reduce excite
ment
2d Sponging the body with a sponge
wetted with cold water Cullen
recommends this way when
the fever is formed
3d Plunging the hands and feet in
cold water only they operate in
this way not only on the bowels
but on the whole body They act
in two ways
1st By association &
2d By mechanically acting as a
stimulant The external applic
ation of water by ablution is
improper
1st in the early stage of fever be
fore the reduction of morbid ex-
citement
2nd Sweating
3d In great morbid action or
congestion of the lungs liver head
bowels &c

4th When the heat of the body is very intense water externally is improper
5th It is improper in the chilly fit of fever and when the body is covered with sweat It is improper in the first state of local inflammation particularly in Ophthalmia
6th Ice is particularly useful in affections of the head It should be pounded and applied in a bladder to the head or part affected or in a tin cup
On ablution I shall make a few remarks Dr Cummins recommends the use of Spirits instead of water because evaporation must quickly induced by it
1st Ablution excludes all other remedies in a degree
2 They require too many circumstances which requires the attention of the Physician himself
3d Subject to them in fever for I believe other applications would produce the same effect as washing the hands feet face head &c
4th Shd never be used as a stimulant in low fevers or Typhus for it frequently in cases death also abstinence by depleting the system of its usual quantity of stimuli and should be

in low fevers as Typhus for it frequently produces death & is able stimence by debilitating the system of the usual quantity of stimulants and should be proportioned to the excitement of the system Milk butter unfermented spirits and & should be forbidden — Whitings drinks & should be used Roasted apples hard water & (& refer you to Johnson's notes guide by box) also those remedies which attract the stimulus of impressions

4th Sound & light by silence and darkness sound and light should be guarded against with the utmost care in great morbid action conversation has often done harm Delirium is often the consequence of it

5th The ~~[illegible]~~ stimulating passions by moderate fear this has often had great influence in fever in lessening the pulse

6th Motion by rest Journeys with
ing &c have frequently occasioned fever
when there was but light indis
position walking or any gen. ex
ercise frequently does it that when
individuals when during the pre
valence of an Epidemic the Pat
shd surrender as it were to rest
and quietness

7th Acrimony by diluting
drinks lessen the heat of fever
and the acrimony of the fluids
and bile too much cannot be
said of them they are toast &
water apple water citrons
tea of which Balm is the
best lemonade Rice water &
tamarind water the different
jellies dissolved in water the
cherry water &c they shd be often
changed in order that the pat
may not in any way of
them acquire a dislike to ~~any~~
~~of~~ them none of them drinks shd
be given cold as they frequently
produce a reaction in the sys
tem & its consequences

thirst should not regulate the use of drinks in fevers therefore when there is great thirst it should ~~be~~ not be indulged the drinks should be given in small quantities and often and when there is no thirst we should give them ~~often~~ even when not called for

Cleanliness is also very proper the teeth mouth and skin should be kept clean they should be given hot

Remedies which direct local morbid excitement congestion inflammation and serous effusions from parts which are essential to life in the first degree to such as are less essential to it these are all such as are mentioned under the head of evacuants also

1st Nitre or other neutral salts nitre acts powerfully on the stomach which is evident from

~~from the too free use of it~~

from the Dyspepsia following the too free use of it it also lowers the pulse

~~Ijj ou~~ Ijj of Nitre and 1 ℥ Vinegar is an useful application in inflammation it is not necessary that it should produce nausea &c Dose from 10 to 20 grs

2d The preparation of antimony of which Tartar emetic is the best it excites a remarkable action in the stomach creates an antiperiodical weak port it shd be combined with nitre or antimony Seneca oil as a sudorific without stimulating the whole system hence its great use in pertussis

3d of Sugar of Lead this has been given in the Hemorrhagic state of fever with great success Sir Gore Baker gave it with great success in uterine Hemorrhage

[illegible]

4th Foxglove or Digitalis this lessens the irritability of the whole system it should be given in a low pulse in the Hydrothorac and pulmonary states of fever it has been principally recommended Dr R has had no experience of its use therefore can say nothing of it it has lately been used in the Synocha & Synochula states of fever but I think it should never be used without the greatest circumspection Sweet oil externally applied in fevers of great morbid excitement has been of great service this number given it to use in local inflammation Dr Jackson tells us that the sweet oil applied in the manner mentioned lowered the pulse Nitre diluted in vin egar has been used Dr Stewart of this city has lately mentioned the good effects of ligatures in morbid action by stopping the return of venous blood Dr Stokes mentions the power of water fur ness

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no one says he knows the good effects of wakefulness in high fever I have frequently witnessed the good effects of this and have frequently seen a patient awake delirious here before I can conclude the account of the remedies to be used in fevers of great morbid excitement in which I include Synochus Tertis Synoche Synochoidea Synochus Mitis & Synochoid I shd leave to add the following Indian remedies

1st Powerful friction Captain Cook was cured in this way by one of the Indians of the Friendly Islands of the Rheumatism

2nd Violent exertion in labour The Indians cure Mania in this way

3 Strong Stimulating Powders they often cure Palsies by stretching the arms or stimulating by the arms of the affected side

4th Hot and cold bath these are proper in external diseases in tonic Maniac Indian constitutions the Prussians use a bath similar to that of the Indians to preserve health they are only indicated says Dr Rush in disease where have external determination but none of them are equal to V.S. and its auxiliaries Vig Purgatives &c before we come to treat of stimulating medicines we will say a few words respecting those states of fever where both evacuants and stimulants are necessary as typhoid bilious & Palmetic states of fever the typhoid and typhus creep on gradually sometimes with feeble chills the skin and edge of the tongue are dry with headach continue 30 or 40 days with antemetics frequently check it in its forming state but large V.S. bark & wine do harm

it is some times best to wait a while untill it wears itself com pleatly ~~out~~ into the Typhus only abviating urgent symptoms
The Remedies are
1st Moderate V.S. once or twice where the pulse is tense
2d Vomit these are safer than V.S. they as it were untie the Typhoid knot
3 Gentle purges nitre blisters cold applied to the skin &c
and shave it untill the action be nearly worn down in short these remedies for the Typhoid state of fever may be summed up ~~as~~ under three heads

The indications are
1st To equalize excitement
2nd To create another action give stimulents but gentle ones if they do not render the pulse feeble and slower Jackson speaks highly of the effects of festation but says it should not be used until the fever has run its course I think very properly

Of the Primary forms of fever which require stimulents they are such as forbid depletion
1st Malignant
2nd Gangrenous which arises from not depleting in the first stage of the disease or suffering it to terminate in itself it occurs in the small pox plenicy plague yellow fever and gangrenous sore throat this is the Typhus of Cullen known by nearly a putritic state of the blood vessels Hemorrhages bubboes carbuncles great mus

[illegible]

[illegible]

[illegible]

muscular strength and pain on the absence of both absence of mind

3rd The low chronic state of fever or Typhus fever this is the Typhus mitior of Dr Cullen known by delirium coma languid eyes Jaw fallen Black tongue and teeth also dry tongue & coldness of the extremities Costiveness or diarrhea pale urine dry skin and at the close Typhomania and little cough this is the effect of debility it follows inflammatory fever it may be primary and requires stimulents

2nd The remedies which belong to the 2d general head are stimulents these divide themselves naturally into such as are internal & external the internal may be divided into medicines and aliments the 1st are all fermented liquors before I mentioned these particularly it will be necessary to give a few rules for their use

1st we should begin with small doses of the weakest stimuli and gradually increase them
2nd give two or three at the same time
3d give them in rotation
4th & lastly the fermented & distilled liquors are such as wine malt liquors ardent spirits wine is a pleasant and cordial medicine as nutricious as well as stimulant since it contains spirits sugar & wine acid and water the quantity of it should be regulated ~~by~~ according to the state of the system and quality of the wine white wines are most proper when acidity is evident in the stomach but in cases of extreme debility the sweet wines are the ~~strongest~~ best as medicine &c from 1 to 3 quarts may be taken daily in most cases. persons in health are much more easily intoxicated with wine than when they are debilitated much

[illegible]

1st Malt Liquors Porter is to be pre
ferred from one to three pottles of it
may be given a day

Ardent Spirits They should be
only used when the pat has been
very much accustomed to their
use or when a sudden effect
has been is obtained from their use
Stimulus They last are stimulating
without affording any nourishment

2nd Volatile Alkali This has great
effect in this State of fever and
may be given from 5 to 20 drs a day 20 or 30

3d Empyreumatic and aromatic
oils also certain foetid animal &
vegitable substances of the first
will only recommend the oil
of Amber which is an excellent
stimulant in the hiccough wh
occurs in the low State of fever
from 4 to 20 drops every two hours
of the Second I shall only recom
mend the oil of Mint I have
never experienced the great effects

which have been ascribed to Musk and castor oil they succeeded the album gracum and which was used in the ancient ~~time~~ superstitious days of Medc they would universally go out of practice if physicians knew as much of Opium wine &c as they ought

4th Of Opium This is a host of stimuli itself all others may be compared to the feeble rays of a candle while Opium may be compared to the ~~feeble rays~~ the powerful ray of the sun while other stimuli appear to act partially upon the different systems Opium appears to act upon them all & act on the stomach in large doses producing inflammation of that viscera &c on the brain producing hilarity &c on the blood vessels ~~too~~ rendering the pulse more tense & feeble but less frequent &c on the ~~alimen~~ alimentary canal producing costiveness

on the kidneys & bladder producing greater flow of urine on the muscles producing sponn relaxing spasm on the skin producing sweating Itching & eruptions that Opium differs from other stimuli in some respects is certain in producing the effects but what two stimuli perfectly agree they are very in their action on the system thus bitters act principally upon the alimentary canal either Ether and Vol. alk. upon the nervous system spirits upon the & fermented liquors upon the blood vessels & nerves Oil of amber upon the muscular system and Opium on all differs from almost all the narcotics that act on the brain & nerves It is to this peculiar its peculiar action in inducing sleep in a neighboring state in the year 1769 a gent took a table spoon full of it mistaken it for a nutrine

he was thrown into a sleep in wh
he continued 48 hours and awoke
perfectly well since the American
revolution it has been a little
used in great britain in typhus
fever in its exibition the fol
lowing rules are proper
1st Great attention should be
paid to the state of the bowels
2 Begin with moderate doses
10 or 12 grains will often do more
good than twice that quantity
it act in two ways
1st by raising the system to
the sleeping point when below
2d By causing the system to
the insensible sleeping point
this last method is dangerous
in fevers
3d give it in an increased dose
according to the increase of the
debility Dr Bogues of Paris took
one hundred grains of Opium &
a pint of ~~Eth~~ Ether in one dose
to cure the colic in cases of indi
vect debility the doses should be
small

Dr Sheddan relates the case of a man who died in consequence of taking 20 drops of Laudanum to check a vomit He had taken a vomit and was debilitated his excitability was accumulated and the stimulus of the sound destroyed him

4th If shower be given in small doses during the day but larger at night because there is a deficiency of stimulus during the night while during the day there is an additional stimulus as light sound & wakefulness &c the abstraction of which during the night must be substituted with Opium —

In all cases of sudden debility begin with small doses

6th If shower be laid aside after losing its effect for a day or two

7th When it ceases to act on the stomach give it in injection with double or treble the dose

8th In proportion as the pt recovers and the excitability increases diminish the dose

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5th Ether this is a quick and powerful stimulant and is some times used with advantage after Opium has failed in the dose of 30 or 60 drops every hour

6th Bark this has many advantages in fever and acts as a stimulant ~~in fever~~ we should begin with the infusion provided it has been used before them with Huxhams Tincture which has many advantages by having Bark and Laudanum combined and lastly if it should offend the stomach Jenkins or Calumba should be combined with it which are much inferior to the bark A Spanish Dr Sheem used 4 ℥ of bark in a day in a case of Malignant fever but Dr Chelini tells us he found bark and coffee each 10 ℥ infused in 1 ℔ of water to be of equal efficacy I have substituted the following formula of bark & Coffee each a table spoon ful water 1/2 Pint from one to two table

table spoon full every two hours

7th Mercury I have used this with advantage in those States of fever and weaned to the use of it from seeing its good effects ~~of it~~ in the Typhus stage of Cynanche Malignna

2 from the cure of a Gent in Typhus by an accidental Salivation and since that time from the benefit derived from it in the Malignant sanguineous and Typhus fevers where bis is forbidden

8th Pure Atmospheric air, not cold air which is injurious too much cannot be said of this in fevers its effects are wonderful in the cure of malignant sanguineous & Typhus States of fever Malignant fevers are frequently changed in the west to intermittents in consequence of a removal to pure air

When a removal is desired the pot should be conveyed as quickly as possible but when this cannot be done the following substitutes should be adopted
1st Remove the cause or causes corrupting the air and make a fire in the middle of the room if there be no fire place
2 The the earth absorbs contagion and poison hence we see dogs & cats scratch holes in the ground in order to get the pure air also certain nations as those of Jennessee when bitten by a poisonous snake dig holes in the ground and put the injured part into it with success hence also the floor of Hospitals should be of mud It is for this reason that the poor people are generally healthy
3d When fire cannot be had Dr Campbell recommend two tubes to be passed into the room the one to drag off the

withdrawn air while the other conveys the pure air into the room

4th Smoke has a wonderful effect. In those parts Dr Bruce tells us that the poor who lived in smoky houses in Bassorah escaped the Plague

5th The deflegmation of nitre or the decomposition of the muriatic acid by the sulphuric

6th having the bed in the middle of the room and also bereft of its curtains

7th That no more persons be admitted into the room than is really necessary

8th No person should sit on the bed side

9th The excretions shd be received into cold water and conveyed out of the room as soon as possible

10th The linen and shirts shd be changed daily

11th The floor should be thoroughly scrubbed daily with cold water instead of vinegar

because in two or three days
the vegetable matter contained in
the vinegar will putrify and
assist in vitiating the air

9th Oxygen gas This has been highly
recommended I cannot say
any thing of it from experience

10th The Invigoration of the
Passions of the Mind and
understanding Anger once cured
a man of Typhus fever in Je-
maica Fear has often done the
same Lorge Bronouncing great
and sudden menes For
from seeing absent friends good
menes do hence often done much
service in these states of fever
a lady of this city was once snatched
from the grave by the sight of
her lover hope should be in
spired in an Pat as it is
that conduct which we have
not under our command gloom
my visitors should Positively
be forbidden but a Prious
Clergyman should be per

permitted because their recuperation will tend to reconcile the Pat to his destiny

11th Stimulating injections into the bowels have been often done service and are numerous the most valuable remedies for this state of fever are hard wine Opium Mustard bath &c

The Aliments include such animal and vegetable substances as are generally used in diet together with salad bread and the like animal food may be frequently begiven in a solid form with advantage Tonics cured the gangrenous small pox by indulging the Pat in animal food it acts in two ways

1st By the pleasure it gives the Pat to think that it is in his power to eat of it & by its stimulus on the stomach

2d By affording a better food red blood cells that by repetition producing one of the most powerful stimuli of life I am inclined to believe that the low fevers are often cured by animal food as lean beef steaks &c In the use of it two directions are necessary

1st Do not suffer the pat appetite to regulate you

2 Great care should be taken to tempt the pat to eat often by changing his food &c for as the appetite often exists without digestion so also may digestion go on when there is no appetite

The Internal Stimulants

1st One Several of the internal so prepared as to be applied to sufficient parts of the body as the nose temples limbs &c the external region of the stomach and bowels they are blanket rung out of hot water the teaspoon of vinegar to the nose washing

washing the hands and face in
vinegar cordials wine bark & green
in injections
2nd Cold & Warm bath by lotion
for effusion over the whole body
Cold is safe when the system is be
low the point of reaction in
the gangrenous state of fever
it has hastened death because
the excretion of sloughing and un
sloughing was too great a strain
upon the system to support
but when it is applied by me
ans of a sponge or dashed on
it may be of service the warm
bath is equally unsafe and
should be used by means of flan
nels bottles or bladders
3d Blisters these have been
spoken of before in our
therapeutics they may alter
nate the symptoms but seldom
cure the disease
4th Cataplasms of various gen
ius mustard &c to the feet
these are often useful

In the use of them we should begin with the weakest first and by degrees rise to the strongest these are better than blisters

3rd Certain applications calculated to irritate and inflame as Ether and the Tinc Can Mand combined which is an excellent application externally also the application of the Vol. liniment with the Tincture of Cantharides

6th Caustics these are often necessary to remove from a comatose state they should be applied to the back of the neck I have often derived much benefit from them where nothing else was of any service they are indicated where Vs. is forbidden

7th Boiling water & Scarifications act similar to caustics an Italian Physician has lately recommended friction with a flesh brush alles these and sometimes cool of fire have been applied successfully I knew a lady in the last stage

of Malignant fever to be perfect
ly cured by being burnt by a
candle falling on her breast wh
ch fell by the servant Dr Phy
sic relates the case of a Pat he
ing cured by a sudden cry of
one of the family that the
Pat was dead & his questions
many here he asked to wh
I shall answer one meeting
under proper in Typhus? no
a softness of the Skin is favour-
able but a profuse sweat is
injurious as it exhausts the
Pat to no purpose spontan
eous sweats often precede death
should Pats be allowed to sit
up? no the Pat is too weak
any thing that is given should
be poured down the Pat throat
while lying clothes or any things
should be used to receive their
fees or what pefes from them

from them I have known cases in which pats have existed in the bowels and one could think proper? No! the pat frequently asks for them just before death owing to the morbid action retaining to the stomach and fauces. Is the last strong hold is purging proper? No unless there be a great accumulation of feces. Clysters should be used to procure a stool every day but there are cases in which the retention of the feces 2 or 3 days is really proper. The urine should be drawn off by catheters and particular inquiry should be made its time of discharge. The pat is sometimes insensible of its ~~discharge~~ great stimulants warm drinks are generally proper. Is bleed proper? ~~No~~ this depends upon the state of the pulse if it be active bleed may be admitted but if feeble the pat

should be awakened every half hour
to take aliment or medicine as
when the pulse lags I would
have you recollect that life is
more tenacious in the sleeping
than in the waking state
hence death often occurs in
sleep from the total abstract
tion of stimuli and people
often die from the want of the
caution just mentioned I
have called these the malig
nant & comprehensive & typhus
forms of fever but they are
frequently change into others I
have seen the inflammatory change
into the typhus form of fever
typhus into the inflammatory
often same weeks In such cases
frequent visits are necessary
the low nervous changes into
the typhoid all of which at
different times require the appli
cation of stimuli

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The forms of the Malignant and gangrenous differ sometimes in beginning with eruptions and sometimes in ending with them being at one time preceded and at another succeeded by the same appearances sometimes requiring weak and sometimes strong stimuli & vice versa. In a case at Illinois all died who took the Cortex Peruviana while those who took a decoction of the willow bark recovered. The human body is not like an old house which can be repaired with the same material. Requires different stimuli. I will here risk a bold assertion that if a Physician could possibly be with his Pat. have absolute command over him accommodate his remedies to the different states of the system &c that it would hardly be possible for the Pat to die of low nervous fever. A studious clergyman used to say that he first considered his congregation and afterwards accommodated his sermon to them in like manner

ought a Physician to study the constitution of his patient the state of the system the climate &c and then consider the mode proper for him I have to observe that few of the observations on the diseases of Europe are applicable to those of America the condition of the system as shown by the pulse the condition of the system I repeate it again & again the condition of the system ought to govern our prescription a person like the sail of a ship should be turned suit the wind I have by thoughts that the typhus was not an original state of fever but I have since enlarged my opinion & believe now that it comes from Pandora's box stamped in the original with this form of fever this fever may become chronic by saving life but supposing its violence was so great as to terminate in 30 days by 15 it might be inabled to run 30 or 40 days

30 or 40 days with which it was origi
nally planned over thereby death
prevented I bled Sailors in the Sum
of 1803 with the Typhus it nevertha
less spun out its time for 30 or 40
days It is I believe created by a
scanty depletion in Malignant &
other inflammatory fevers when
I first settled in this city the most
common type was Intermittent
which at length changed into
chronic the chronic into bilious
~~vomit~~ the bilious into yellow
fever or Malignant many people
die of weakness after fever like
general Wolf in the arms of victory
care should be taken to obviate
debility succeeding disease this
may sometimes be done by a
few drops of L Laudnum

Convelescence

consisting of debility This is a disease
bility and a bitter morbid excitement
or Peveral febrile symptoms It is
attended
1st With weakness
2nd often a nausea & vomiting ~~in the~~
~~morning~~

of bile in the morning
3d A depraved or excess of appetite
4th An uneasy feeling of the liver
this occurs more particularly
when V.S. has been neglected
also ulcers abscesses lungs &c
5th Obstructions of the liver
spleen and Coeliac
6th Ulceration of the parotid &
inguinal glands
An unhealthy state of the mem
many depart of skin and even
paraphimia
8th A change of the colour of the
hair and even a loss of it sometimes
9th Feverishness especially in the
afternoon and pulmonary
affections
10 An unhealthy state of the
mental powers and even sometimes of the moral faculties the
remedies for these are always
1st Cathartics as Jalap & Castor oil &c

2nd Cordial and nourishing diet
beginning with chocolate then
chicken broth &c the meals should
be frequent and a small quan-
tity at a time
3 The usual stimuli should be
applied gradually the gratifi-
cation of the venereal appetite
and the exercise of the mental
faculties should be avoided also
immoderate eating and drinking
a solution would be of service
in fever were it only to prevent
excess in eating by the patient
of the month the sudden ab-
sence of friends should be a-
voided a change of place or to an-
other room is proper for the
meal papers pill boxes &c never
dare to carry with them a
sedative effect Huxham's tincture
may be given it is an excel
lent restorative a table spoon
full 2 or 3 times a day in wine
a gentleman who took a flannel
by going out a running

would not get well untill we
removed from his sight a change
of Ways Shaving & gentle exercise
in a carriage but not so much
as to fatigue the sight of Places
and objects to which we have
been accustomed is as it were
a renewal of our contracts in like
warm bed cloths at Night
and warm cloths in the day
The Rules for convalescent are
1st To avoid impure places
2nd Purging
3rd — Sitting or Standing in a
current of cold air I shall
now enumerate the remedies
for each of the above symptoms
1st Wakefulness this cured by
Liquid Laud 40 or 50 gutts or what
is better a little bread and cheese
2nd Costiveness
Vomitting this depends on
a lowness of the Stomach and may
be cured by taking a little aliment
over Night

3d a defect or excess of appetite the first may be cured by taking bitters bark Columbo Fraxinus Fric. Elixir of vitriol the latter by abstinence

4th Anasarcous swelling of the limbs by rubbing them with and and in the morning only in ulcers Pringle recommends stimulating plaisters

5th Obstruction of the liver &c by leg and mercurial plaisters may be applied to the part affected

6th Ulceration of the parotid & inguinal glands by stimulating plaisters &c

7th An impaired state of the memory they are generally difficult to remove especially when of long standing and sometimes end in fatuity they may however be removed by gentle exercise and cold bath

Q The Costiveness and yellow Skin by Calomel and should be regard must be had to the character and conduct of nurses who have it in their power to give or withhold the medicines and aliment as they please and that physician will do best who gives the medicine himself or if it be not in his power to do so to chose such a nurse as may be depended upon in following the sometimes the consequence of fever

1st A sudden growth in the whole body especially in young people

2nd An increase of fat

3d They sometimes carry off chronic diseases Dr Forbes mentions the gout being carried off by the Plague

4 Barometer removed this is effected by the remaining stability which accumulates excitability and leaves a broader surface for the stimuli to act upon Tonics vigor to the body &c the Malignant and pernicious fevers are often the effects of contagion of which the following are causes
1st Confinement in one room
2nd Neglect in changing bed &c
3d — Do not washing the skin
4th Confined persons together excrements &c The means of preventing them and contagion
1 Washing the linen bed cloth
2 and burying the excrements
hospitals for the U. States human contagion is rarely known

Intermittent They are those forms of fever which have periodic intermission & remission

When they are without a chill they are called remit continued fever. When they last the 20th day generally become septenary intermittents are frequently protracted to an immoderate period they have been known to continue 20 or 30 years yet they are not incurable. Intermittents are quotidian, the paroxysms every day tertians having their paroxysms every other day and last of quartans which have their paroxysms every third day or in the space of every 72 hours the quotidian generally attacks in the morning the tertian at noon and the quartan in the evening. The paroxysms of intermittents are said to anticipate and procrastinate as when they precede or succeed the usual time the former shews the increase the latter the decrease of the disease from the accession of the one fit to its going off is called the paroxism

from the end of one fit to the beginning of another is called the interval

Intermittents produce other diseases as ~~thoroughly~~ and other diseases chronic and incurable they are very much influenced by the atmosphere they have sometimes been brought on by salivation which sometimes intermits the pain sometimes appears as an intermittent pain

Intermittents appear in three forms
1st In Malignant
2nd In the highly inflammatory
3 In the mild form all of which require different treatment however is known to be an intermittent

1st from the hot stage succeeding the chill and occurring in the paroxysm in which intermittents are most common
2nd By the duration of the cold stage
3d By a discharge of bile during the paroxysm
4th By the time of its attack
5th By occurring in climates not five spot very cold or hot it is little known the 1st the most frequent in climates uniform ly cold or hot

6th The urine secreted during the paroxism of the fever is clear white that of the remission is turbid and of a brick colour In intermittents if the system be low give cordial but if it assume an inflammatory type venesection is necessary pulse vomits &c the state of the pulse intensity of pain vomiting &c should be attended to and should determine the quantity of blood to be drawn &c Dr Homer states that in the intermittent he was obliged to bleed while in the yellow fever he never found it necessary I suppose in the latter case the system was prostrated below the point of inflammatory action we had a case of intermittent in this Hospital (Robert Rose) which resembled the tertian type of three months standing and was by the first V.S. mad a continued fever the pt was cured in 8 days after his admission usual intermittents were formerly thought solubly

But V.S. is necessary in them too
King James said that Intermittents
in the Spring were so frequent for a
time but in his old age he died of
one being reminded of it when
on his death bed by his Physician
for a young lady not an old one
when they are mild and the
pulse typhus the fit is often
prevented by a Laxative & cleansing
clysters V.S. if the pulse be tense
and a mutual salts and bitter tea
before the first paroxism, bark be
fore the second, and a Laxd before
the third if the inflammatory symp
toms be low and the pulse typhus
as mild as the intermittent
generally are in the Spring from
many efforts and inflammatory
type in the fall at which time
V.S. is always proper I have been
found it necessary to bleed 3 or 4
times before the system was
prepared for the bark. In inter
mittents of the mild kind just
before the paroxism give Lavd-
anum 30 drops vinegar & pepper
together a tea-spoon full of the
latter to 1/2 pint of the former
Sweeting Hot & cold bath Sperits
sulphur in Sperits Sharmonum

Ammonium or tobacco applied to the
wrist a ride on horseback sweating
before the fire Terror and Electricity
will sometimes be effectual by
acting on the predisposing Cause
The Remedies to prevent the
accurrence of the fit are
1st Palliative as bitters of all kinds
astringents as alum salts &c
bitters and astringents combined
Juice of spiders in bread or the
web made into pills Arsenic Medical
about one 16th of a grain in pul
stance or solution Glue the Tour-
nequet applied round the thigh
so as to accommodate the blood in
the superior part of the body 2d
prevents the chill and lessen
the sweat but the Peruvian
bark is superior to any of these
it stands unrivalled in inter
mittents and whenever it fails
it is in consequence of malen-
tion to the state of the system
or because the bark is of a bad
quality or not aided by proper
auxiliaries emetics are sometimes
even preparatory to the use of bark

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but purges are preferable and cis
charges the bile more effectually
It is most effectual when given
just before the expected paroxism
It is not safe to give in tincture
unless greatly diluted and to those
who are accustomed to the use of Opu
-ium Children may have a wais
teaat quilted with the bark on it
may be given by injection some
times the paroxism succeeding
the first use of bark is worse this is
to be considered a good sign it may
be given with smoke root orange
peel &c in order to make it more
palatable The following causes
may occasion it not to cure
1st Giving in the inflammatory
state of the system
2nd. In visceral obstructions of the
liver spleen &c
3d In an highly excitable state of
the system
4th In an exausted state of exci-
tability
5 The long use lessening its effect thereby

6th For increasing Costiveness or diarrhea
7th The Pts being of a bad quality The remedies for the inflammatory state of this fever are
1st. Purges emetics bad diet &c &
then the bark Selection fails for
bis cual obstructions The Serum
with the addition of blisters These
two States have always Sizes blood
for all intermittents which
are protracted The disease is kept
up by contagion or obstructions
for those 1st. an a running
is necessary Decoctions or infusion
infusion is often necessary when
the powder fails This is owing
to the accumulation of excite-
bility being too great for
the stimulus of the powder
or in other words the dis no
portion of the stimulus to
the excitability bitters cure
when the bark fails and for
the same reason Recollect
I mentioned that the willow

willow bark. cured when the
Pneumonia ~~failed~~ killed women ex-
citability is nearly gone large
doses of the bark as from 4 to 6
℥ a day with ginger & cloves flow
& menstrualis &c It is very powerful
when given with Tonics the
Lancet should not be forgot-
ten in chronic cases often
long use of the bark keeps it
aside and a pice other tonic
bitters a day or two if it in-
duce costiveness join with it
a little Rhubarb if the stomach a
little bound- if often all this
it fails suspect it to be bad
and get better often the cure
has been effected a few doses
should be given about the full
and change of the moon
blisters when applied to the
wrists are often of the most
evident advantage in obsti-
nate Intermittents.
Lying in bed 8 an the day of the
expected fit will often prevent it

If all these fail recourse must be had to a new climate I once knew a man cured by going to sea after bark arsenic &c. &c had been used to no effect but we must recollect that meds do not produce their good effects untill often they are discontinued I cannot take leave of this subject without previously taking notice of the discovery of that invaluable. the bark

1st Was discovered by an Indian
2nd Introduced by a Jesuit
3rd Revived by regular bred physicians.
4th Revived by a Quaker and lastly still unknown in France & Italy & Holland

Intermittents appear in different forms

1st in periodical headaches toothach or ear ach &c. the remedies are Vs. Cathar. blisters & bark

the teeth if decayed shd be extracted

2nd In periodical convulsions in children either of Quotidians or Tertians

3d In periodical vomits of bile bark should be given here

4th In periodical dysentery here the bark should be used freely

6 In periodical coma and apoplexy by vs. blisters &c then the Bark

7th Eruptions on the skin

8th Periodical sleep

9th In Nyctalopia or half blindness or an inability to see after Knight &c all these are known by occurring in the time of intermittents

10 th In Chorea

11 th In periodical ~~ea~~ of part of the body only as in the arm & the consequence of these half cured intermittents is

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1st Pulmonary Consumption Cough & fever the remedies for which are Cg Purges Mucilg &c

2nd Obstructions of the liver Spleen omentum &c those are the effects of that viscus & humidity as are not sufficient to induce disorder or more frequently the consequence of a want of depletion Bark Steel &c are here proper

3d. Bone legs swelling of the limbs Jaundice & Ascites &c Cg. Mucilg friction &c

4th Hectic fever here Salivation promises ~~means~~ the next form of fever

## The Hectic

This is often compounded with the intermittent the Hectic often occurs in the ~~the~~ Phthisis pul monalis its causes are

1st Ulcers in the Lungs &c

2nd Schirrus or Scrophulous tumors in the glandular parts of the body as in the Mesenteries &c

3d Obstructions in the viscera as the liver &c gall stones Calculi &c.
4th Sharp needles pins &c Recollect the lady cured of a Hectic by the discharge of a pin from the vagina
5th Leucorrhea and Menorrhagia
6th Poisons which have been called slow
7th Ordinary stimuli rendered powerful by an increase of excitability
8th The Atmosphere rendered impure by in consequence of Mercurial exhalations
9th Hamilton mentions it being induced by Nostalgia its merits are
1st They are seldom regular longer than 3 or 4 periodisms
2nd Sweats succeeding chills
3d The sweats prove little or no relief for the fever continues after them and chills frequently return during the sweats for 10 or 12 days at a time
4th The Urine pale during the intermissions and high in the intervals
5th Great pain resembling Rheumatism swelling without

and sometimes a sudden disappearance of the swelling
The Hectic generally comes on suddenly but sometimes steal on gradually it being some times a month before the pt is aware of its approach There is often a circumscribed spot on one cheek or both having no intermediate shade between it & the colour of the face which establishes its character people about 45 years of age are more subject to it than at any other period of life the pulse varies very much in this disease it seldom fails to give warning of its insidious design the patient in hectic seldom complains of a pain in the head which is an almost universal symptom in intermittents they sit up & walk about any inconvenience the internal system is chiefly affected women from 40 to 45 are subject to Hectic from Phimi & obstructions wounds

poisons Lenowlice &c all give rise
to it The cause of fever from these
may be an unsuccessful attempt
of Nature to carry off the exciting
cause powerful stimuli acting on
the excitability which is then
accumulated

The Remedies are the removal
of exciting causes &c tumors &c
as Nausia for these may induce it
when the pulse is hypothenic and
nocharid (for it should be strict
ly attended to) or when that
cannot be used nitre and gen
tle aperients bark steel are
the remedies generally recom
mended a milk diet has been
used with greater advantage
than either of these but from
its great nourishment the ne
cessity of its use is doubtful
I have used every tonic to no
purpose Infusion of malt has
been used with success Governor
Sparks of South Carolina was
perfectly cured of this fever by
an old woman &c

with this Infusion the manner in which it is made it to take 2 3 or 4 spoons full of the sifted powder of Matt to which add a quart of boiling water 2 or three spoons full of Syrup & a little wine 2 or 3 quarts of it may be taken Nearly thinking sediment & all arsenic has been recommended here also Digitalis bark bitters &c but they generally exacerbate the symptoms of the disease only the pulse he typhus from all this it appears that like the shirt of Hercules it can only be shaken off by labour and exercise but sometimes it is out of the pt. power to take this exercise from want of means as improper weather &c are we then to desert them. may not some new action be created in the system as by salivation to prevent the chills

from 20 to 30 drops of Laud. are used with success in some cases It was the only med. that checked the disease The most palatable of all the remedies is riding on horse back Salivation hard labour &c & Laud. are used with success in some cases it was the only med. that checked the disease Hunter mentions a case which was cured by amputating a diseased a limb which was the supposed cause was it by the removal of the cause or by creating a new action? that this cure was effected. I believe the latter

FLORICULA comes next it is common to the south in autumn and is known by the name of unwell fever the pt is sei sher sick nor well his hands are hot it is best known by a quick pulse dry tongue little head ache & high coloured urine it only requires the stimulus of a few drops of wine to be thrown into an intermitting

The remedies are "Vomits gentle purges &c but above all blisters bath & V.S. is sometimes necessary This so common to the south that few escape it

Critical days in spite of all the changes of climate critical days have continued for ages they were even noticed by Hippocrates all fevers have critical days which are more distinct and plain in uniform climates

Dr S — Calls the Tertian the primary form of fever and its critical days are the 3 5 7 9 & 11 after which the Quartan type is assumed and then the critical days are the 14 17 & 20 and after the 20 on the 27 35 & 42 the yellow fever generally ends on the 3 5 or 7 days in consequence of extreme debility the crisis is sometimes observed on a non critical day Dr Jackson in speaking of intermittents which terminated favourably 10 terminated on 3d

10 on the 5th 20 on the 7th 10 on the 9th
2 on the 11th and 2 on the 17th
day of the dis. died 1 on the 6. 1 on the
7 six on the eighth and 1 on the
tenth all continued fevers are con
~~tinued~~ protracted fevers as is
evident from the exacerbations
on the third day the continued
fevers are more violent on cri-
tical days when the remedies
are ex. which should be at-
tended to the present mode
of practice may derive some
advantage from observing
critical days in continued
fever when the remissions
are not observed the fever will
be of the greatest force on the
add day and show a centrifu-
gal tendency on those days wh
ex. and purges should be used
if the paroxisms of fever be
worse on a non critical day
the physicians attention be-
comes the more necessary as
the pat is then getting worse

and the fever becoming more dangerous it generally terminates in death on the ~~third or 4 days~~ 4 or 5 the days when any doubt is entertained about giving bark and other stimulants give them on the non critical days we may keep up the tones of the pat and thereby gain their confidence

The critical days change in different seasons in this place thus fever in August generally terminates on the 3d day in Sept on the 3 & 5th in Oct 4 & 7 and the latter in Oct the more protracted and this observation is applicable to the middle climates Drs Barton and Laird with some others say that fevers shew changes on the full and change of the moon and for about 3 days before and after the change I believe in the effects of the moon in those cases

Dr. Mosely says that fevers grow worse at such times in Jamaica from this we may learn to use 1st more care and med. at this lunar period
2nd Avoid more particularly all exciting causes at this time
3d To guard against relapses on those days
4th Not to give tonics about these days or periods

Prognosis of Fever or the signs which indicate the issue of a fever in life or death
1st Those signs vary in different countries in different seasons in the same country in different people in different ages and in different grades of the same fever
2nd There is great difference between the same grade of fever in adults and children which arises from two causes
1st They are more tendency of

2nd of life them adults hence they
frequently recover after a black
vomit and half closed eyes
2nd They are not frightened
at the black vomit or other
fatal symptoms as adults are
3 There is a great difference
in different periods of life
4th The same signs differ in
more and robust people
5th In the particular state
of health in ancestors for a
person from healthy ances
tors will survive a more vi-
olent attack of fever than
one from sickly ancestors
Signs of Life and death in
Several States of fever
1st The violence danger & du
ration of a fever may be
predicted from a knowledge
of the violence &c of its remote causes
the predisposing the exciting
and the suddenness of the attack
without premonitory symptoms

fevers that attack suddenly are dan-
gerous

2nd As the unison or intimacy of the different parts of the system when the fever is more dangerous as in hectic and less so the more general the fever is in the hectic the internal system alone is affected and all the other systems are unaffected we see it also in spasms & convulsions when but one system alone is affected

3d Paroxisms being worse on even than on odd days, those fevers which creep on slowly are worse than those which come on suddenly

4th The absence of appetite & thirst unfavourable but the coming on of a chill after it is favourable absence of pain and the not feeling hot is too well unfavourable If a chill come on at the close of a fever it is favourable The sudden recovery of strength is unfavourable

Signs of Life & Death are

1st Direct debility in the beginning is not alarming but at the close is a sign of death 64

appearing in tremors &c by constantly in the back sliding down in the bed & disposition to point raising the legs in bed tremors of the tongue are all unpleasantable symptoms

2nd Absence of pain dangerous in malignant fevers but less so than when the pulse is tense & the pat. says he is too well return after depletion favourable long protracted pains are dangerous and more so in vital parts than else where they waste excitability pain returning after depletion occupying external parts are in every state of fever favourable as they shew a centrifugal tendency

3d Partial heat or coldness if long continued as cold wrists when the hands and fingers are warm is always fatal cold feet & breath when long protracted

Chillyness and heat on the skin or in the stomach are always unfavourable

4th Absence of an unmoderate thirst unfavourable sudden subsidence of thirst with a dry or black tongue and thirst bon uncommon drinks are all unfavourable

5th The pulse preternaturally slow (except in old people) unfavourable more so in children an intermitting pulse is dangerous we some times meet with this when there is no danger and when it continues from habit in convalescents Force also it attend the whole time of convalescence the danger is in proportion to the number of intermissions in a given time when the pulsation is 120 the case is alarming & when as high as 180 per recover Force saw the pulse 208 in hectic fever 64

which proved fatal

The white tongue is the sign of inflammation a yellow one of bile a red smooth tongue a black & natural tongue are very dangerous in malignant fevers & generally proves fatal a tongue be coming ~~dry after being~~ moist after being dry or gradually be coming moist first from the edges and gradually spreading over the whole is favourable a hot tongue dangerous but a cold one fatal sores in the tongue and lips are generally safe and favourable but always fatal when in the fauces tonsils & throat Take care that you are not deceived by matter foreign to the disease as chewing tobacco when that appetite remains

Port wine Jellies &c Liquorice &c
or a dry tongue made so by
sleeping with the mouth open
or moist by drink or wet
7th Eyes half closed fatal in eve
ry case in adults except in dy
entery one larger than the
other a contracted or dilated
pupil a muddy glassy
continued motion & and winck
ing of the eyes involuntary
tears or fever coming on & going
off the inner squinting blind
ness fails vision or double vision
watching at imaginary objects
matter formed at the inner
corner of the eye are all un
favourable symptoms the pupil
becoming clear and lighter
is favourable
8th Deafness favourable in mild
diseases but the reverse in Me
ligment fevers accompanied pain
from slight motion

a revival of extention of the sense of hearing after deafness all unfavourable

4th Supersensation insensibility to cold blisters &c unfavourable sudden restoration to sensibility to cold pain &c unfavourable (fatal) great pain attending the touch of blisters in mild fever favourable it is a favourable sign if the Pat asks you how he is before you put the question to him and more so if he asks you about your own state of health

Gaping sneezing and sick the nose are favourable they shew the return of sensibility

return of old pains in former diseases and looking round quickly are favourable an exception to this occurs in asthma

10 Hollow eyes Contracted Skin on the forehead a frown a resemblence to ancestors The Hippocratic Countenence must one not usually placed one all unfavourable The fever ish Countenence is favourable also The flushed but not ~~that~~ The livid Colour of the nails expansion of the cheeks they are unfavourable a hollow moaning when awake but worse when asleep Cold breast and The settles are fatal in adults

12 a quick Pulse and a natural voice paraphonia Delirious are unfavourable aphonia more so but I have seen recoveries from both of them

13 Lying on the side after lying on the back always favourable ~~but in 13 it proceeded death in one case~~

14th Old sores returning eruptions about the mouth spontaneous salivation and secretions are

are favourable but in 4 3 it
proceeded death in one case Dr
Haller relates a case in which
it continued 2 hours after
death Mahomed died with
this lymptom pieced matter
adhering to the teeth gnash
ing them convulsions
tremors &c one fatal also hic
cough in malignant fever
but not in mild

15th a return of appetite con
pared Tobacco & coffee &c are un
favourable

16 Obstinate costiveness from
defective secretions white stools
the involuntary discharge
of faeces and urine the dis
charge of flatus without
noise all unfavourable
but when flatus is discharged
with noise it is favourable
it shews a command over the
sphincter ani this the doc
tor learned from an old
woman

green and black stools are favourable in bilious fevers, stools are healthy when they are bone colorata and bone aderatta worms when discharged alive by the anus favourable but not when discharged by the mouth when discharged in the beginning of fever mixed with slime and when alive favourable but when discharged dead and in the close unfavourable

7th vomiting is alarming also bloody urine suppression of urine pale or high or Coffee Colored urine are all unfavourable Milky urine denotes a disease of long continuence when it is cloudy it is favourable because it shows the sign of a crisis gravelly matter adhering to the sides of the pot is favourable this calculus matter in Calculus falls to the bottom

and in fevers sticks to the sides sweats if universal ~~are~~ in mixed fevers are favourable but if partial are not so acid putrid or cadaverous smells ~~are~~ or taste of the sweat are

unfavourable and generally fatal
I have known recoveries after the acid
or rather the Tudor in fevers diseases
and glandular swelling favour
able bald sweats unfavourable

I come now to the Signs of life &
Death as they regard the mind & poth
unfavourable a silent delirium ~~too~~
more alarming than a talkative
If this last Symptom comes after
being suspended it is favourable
symptom but if it continue throug
out the disease this inference can
not be drawn good temper is favo
rable an inquiry after news the
hour of they day or knight ~~addition~~
tion to be removed or to change
beds are all favourable signs a
great desire of life and sleep of mo-
derate length are favourable
ment of solitude ~~and regard~~
and friendship for the fam
ily and relations unfavourable
a return of this solicitude favour
able a return of ill humours favou
rable

Sudden cures are seldom wanting especially in Chronic Cases all the Symptoms they deceive us with a few exceptions I have known recoveries from the most unfavourable Symptoms & vice versa. & Physician should never forsake his Pat whatever may be the Signs nor should he ever give a prognostic unless pressed and then in doubtful Cases let him say that more have recovered under those of better Symptoms have ~~recovered~~ died if pressed positively to say let the Prognostic be unfavourable that if the Pat recovers he may be thought wiser than himself and if his skill be thought greater than his judgement admired

Having now Gentlemen spoken of the Primary forms of fever I must now observe that there are five forms of fever more thoroughly depending on the material System than any other Pig

1st
2nd
3rd
4th
5th
6th
Also
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The
Thge
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1st The Yellow fever —
2nd — The Inflamatory bilious
3d The Chronic bilious —
4th Mild bilious —
5th Intermittent or remittent
6th Typhoid —

Also that there are four more particularly connected with the alimentary canal viz

1st Dysentary —
2nd Cholera Morbus —
3 Colic — and
4th Diarrhea —

These you will do well to remember we will now proceed to deliver a few remarks upon the causes symptoms and cure of these states of general fever which are known by the names of yellow fever and bilious Flegm Fail fever the fever from Chimm and the bite from rabid animals

1st Bilious State of Fever

I shall only say a few words about these forms of fever because to many

because so many writers have spoken of them the best of which are Cephalus Hallary Jackson Clarke Dr John Hunter & Lind

2nd Of the mild bilious this assumes as many forms as the yellow bilious & the Cure is the same the pulse is hypnotches and the blood seldom sizy The remedies are

1st V.S.

2nd Cathartics ~~as salts~~ Cremor Tartar ~~&~~ Senna & sometimes Calomel

3d Gentle emetics

4th Diluting and Cold water

5th Epispastics after the 3d or 2d day to the wrists and after it has assumed the intermitting type the Bark is a specific when the bark is rejected Camomile tea Calumbo & nessa gentian &c may be used with great advantage salivation is seldom necessary in this form of fever but sometimes necessary to prevent relapses the sooner this fever comes on in the fall the more general it will be

2nd Dry air produces Inflamatory and remitting fever moist Intermittent and bilious these forms frequently change into a grade half way between a mild and a yellow fever I have called it the inflamatory remitting and have discribed it under the head of Break bone fever in my inquiries these fevers still assumed a more malignant form in 48 which was the yellow fever for an account of which I refer you to my medical Inquiries 3 & 4 vol also to Dr Mosely Coxe's Museum &c you are not to expect to find the symptoms similar in all for it appears sometimes in Synocha Dysentery Palsy & has been different kinds of Convulsions hiccoughs &c in the forms when it kills ascertain by an autopsy when it does not intermit frequently terminates on the 5th or 7th day it frequent to appear in form of Sino-

Spinal Inflammation Chronic Typhoid &c and sometimes in Febricula in a short form in which the muscles preserve their ~~strength~~ excitement walking until just before death in the form of universal yellowness which is not dangerous Fainting on a disposition to faint on being removed Sweats Calcareous Petechiae on the Skin &c generally happens in the middle of August the pulse slow not active at sometimes & the reverse at others a natural tongue with great heat on the Skin one dangerous a person died of pain in the toe only who after being opened showed evident marks of violent inflammation in the Stomach The exciting causes of this are swimming jumping ~~vomiting~~ acting vomiting by eating mushrooms sleeping in a damp place fractured legs relinquishing of former occupations ~~that~~ are worst of have collected in the city esp. wells in &c

at which the system 149 was like a florence flask and in consequence of the brain having white serum in its ventricles and there being great marks of inflammation in the stomach when no vomiting takes place it has been surmised that the bleach does not take place till after the death of the stomach

The Remedies for vomiting are 1st. Commence tea milk or milk & lime water of each equal parts this has allayed vomiting when every thing else has failed sweet oil thin milk and molasses, alternate lime salts oat meal roasted & tea made of it Spts Turpentine 11 drops wash sweet oil and molasses White Sugar ℥iv to ℥and B.D. Ch mint water ℥iv ℥ mad into a Julip has been tryed by recommended total abstinence by it the stomach as it were turned into a good human blister to the bit of the stomach warts or cancer milk and lime water injected into the anus

Large doses of Opium by the mouth & rectum Cayenne pepper for a diarrhea testaceous powders &c for a pain in the head Ice in a bladder or Cold water applied to it Injections of Cold water for pain in the bowels in the Stomach gentle friction with sweet oil & hand — for Coma blisters cupping or a plaster of Mustard on the head

Plague This is the offspring of misrule The symptoms depend upon different causes as Habits Customs Climates &c

There is no form of yellow fever in which the Plague does not appear It appears in all the 12 primary forms of fever It is altered not only by Climate &c but by diet dress manners religion &c It prevails in no part where there is not animal or vegetable putrefaction It is not Specifically contagious It appears in Dysentery & Mania It never was nor never will be exported from one country to another It lessens as the intercourse between nations increases the causes which prevent it here

here are
1st The highly cultivated state of our country
2nd The great consumption of vegetables
3d better accommodations
4th Cleanliness It is held up in contrast by the following causes
1st The uncultivated state of the country
2nd Moisture
3d Filthyness
4th Bad constructed cities & narrow streets
3rd The doctrine of predestination by believing in the importation of it is checked by cold & hot weather and by rain like the yellow fever It appears after the rise of the nile and goes of about the middle of June the Remedies P. This is sometimes useful tho The System is generally to prostrated as not to admit of depletion Sweating purging vomiting &c Opium Salivation is too slow to do good The Plague generally terminates in sore throat sore mouth headaches Influenza Gonorrhea &c See (Webster's report)

Jail Fever This is sometimes attended with

1st To great morbid action as to require 2 or 3 bleedings or even more when the complaint is attended with Obstruction

2nd It appears sometimes in chronic or acute Dysentery

3 It is attended with Inguinal swellings occasionally which have been mistaken for buboes I should have been mistaken but for manner which I kept continually by me

4th It spreads by excreted matter and cold weather approaching to a warm climate entirely stops it a very Dr. Hunter informed me that the Soldiers never had it when the heat in the open air

5th It is sometimes communicated by one in whom it was dormant this may be believed by the following Circumstance I knew a man who was never affected by handling a poisonous vice but his wife always found the effects of it although she never had touched it

6th This fever may be shunned by avoiding all the predisposing and exciting causes by accommodating all the remedies to the different states of the system when the pulse is synocha synochus synochula or synochoid depletion we will next speak of

4th Fever induced by opium this is truly a malignant state of fever the remedies are.

1st B.S. when the pulse is active or much depressed

2nd Emetics when all others fail a feather thrust down the throat and tickling the throat may have some effect Indeed tickling the throat in the 1st instance is the most successful The Larynx may be retentive of its sensibility when that of the stomach is lost

3d Cold application to the stomach when there is much febrile heat

4th Cordials after depletion the best of which are ardent spirits and Ether

5

6

5 ~~by the~~ stimulating injections and Cata-
plasms to the feet

6 The Flagellation

7 The Fever induced by the bite of
a rabid animal for a full ac-
count of which I refer you to the
2 vol. of my med. Inquiri.

6 Fever induced by poisons there
are three kinds of poisons the
animal vegitable & Mineral
~~The~~ of the med. for these are ~~such~~
1st such as act by the mouth &
bowels
2nd such as destroy the effect
of the poison by forming a
by mixture &c
3rd such as destroy the effect of the
poison by forming a new and
by dangerous action
The first are vomits which
may be excited by the finger a
feather &c White vitriol is the
most prompt of these med-
in its operation. Snuff may be
used when other med. fail

in the dose of a hart of grains to dis
charge from the bowels Glisters
of sweet oil and milk and water
distilling Clysters to give those of the
second head such should be taken
as to make a natural mixture
The Remedies under the 3rd head
which are to cure by creating a
new heat & inflammatory action
are Opium and ardent spts
The cures that have been made
by these med. shew us that we
should never desert our pat-
in this disease when these
Remedies excite an action on
the skin recollect the dog cured
of Nux vomica by flagellation
and the two cures given by
Dr Darwin of the effects of fla-
gellation when the fever is
slow treat it as a fever from
other causes Sweating has
been often tried as proper if
the patient shew a tendency
to fall off this sweating should
be used for this purpose

Serpentaria Seneka &c but if they cannot be procured readily the Vol. Alkali should be used Mosely says that one action excited in the Stomach acts in the same way as Bite when the poison has been taken by the Skin by an irritation excited in the Skin does when the poison has been inwardly taken sometimes the poison acts primarily on the Skin in every Crispilatous inflamation and morbid excitement in the blood vessels. we shall now consider certain States as they occur in Malignant fevers these are

1st Sweating State of fever this occurs in many diseases as the Plenrisy Consumption &c it may be either with weak or strong morbid action that of strong occurs in the weakening State of fever in the yellow fever Plenrisy Intermittent fever &c It may be called the Tonic Sweat that of weak occurs in the flushing

in the Plague and Hectic fever and may be called the atonic sweat they are tinted yellow green acrid &c in cases of great morbid excitement when the sweating state state. Camphor or Vs. would be proper sitting up in bed &c in weak morbid excitement the remedies are Elixir vitriol and other tonics and even sometimes & the Typhoid state of fever a small Vs. will prevent sweats

2d The Fainting state of fever

This occurs in all those fevers of a violent and malignant form The Remedies are small Vs. emetics &c it is the effect of depression & pressure in the brain here large Vs. would be improper and dangerous

3d The Burning state of fever this has been called causes but it is rather the effect of disease This the color mordens the blood when trickling down the arm is burning to the pot

It is a symptom of malignant fever I have known the heat to be very great when the pulse was number estable hence we may infer that heat is not in proportion to the violence of the inundation of the blood to the

Remedies are v.s & cold applications

4th The Cold & Chilly state of fever this is often protracted for several days is sometimes partial & sometimes general The Remedies are v.s. this has often removed the cold from the feet and after v.s. friction often an useful remedy

5th Petechial state of fever this is a malignant form of fever suffocated in the skin and the system is generally when the petechia appears These petechia are to malignant fevers what prickly heat is to the mild bilious The Remedies are those used in the prostration of the system the next form of fever is

The Intestinal pain of fever in which are included Diarrhea Dysentery Colera morbus & Colic under head of

Diarrhea here I shall confine my self to the acute and not the chronic this occurs more in the season in which cold nights succeed hot days this is a check to the perspiration determining it to the bowels also in moist weather it is occasioned by eating unripe fruit and that in large quantities by large quantities of fresh meat after being accustomed pickled meat &c

The Remedies frequent purges diluting drinks &c often ad Laudanum timally or about 40 drops with about 4 ℥ of flax seed tea injected up the rectum

Dysenteery this is a higher grade of Diarrhea it is to Diarrhea what gout is to Rheumatism or what Consumption is to Catarrh

The discharge of mucus alone from the intestines in Dysentery may be called a Leucorrhea of the intestines as the Dysentery is often preceded by diarrhea & it often goes off in that form

The Causes of Dysentery are are the same of Diarrhea bad wheat has induced it sour wine has done the same Human effluvia produces it it sometimes comes on as the diarrhea with bad discharge but more frequently with no costiveness and no discharge of bile the Pat is attended with great pain on ~~[illegible]~~ & inclination to stool the persuasion is generally stool the discharge is sometimes mucous without blood and vice versa the pulse is sometimes quick at others active the pain in the bowels is sometimes up to the stomach at other times low down in the rectum & sometimes in the whole bowel it is sometimes generall in the intestines and no pain at all a membrane is often discharged

which is the Capillary lym
ph becomes into a membrane
by inflammation it is sometimes
attended with fainting, a sup-
pression of motion weakness so
great sometimes as for the Pat
to be fatigued by the least exer-
cise even speaking will tire him
again we see Pat weakening until
just before the death it gen-
erally terminates in a few
days but it sometimes Pa-
tracted several month it is
then called Dysentiencia or chro
nic Dysentery Dejections shew
the following marks in Dys
entery
1st No Marks of disease at all this
is noticed by Dr Zimmerman
the bowels in this case were dis
eased beyond the inflammatory
point we may suppose death
here to have been an before
inflamation could have ta
ken place
2nd Inflammation
3d Membrane
4th Ulcers on the large in
testines

5th Tubercles
6th Gangrene tho. this is rare
7th The inner membrane of the lower intestines shreded
8th Diseased liver
9th Indurated spleen —
Dysentery submits to the laws of Epidemics and the remedies should be recommended to the different forms ~~It~~ is a bigment inflammatory mild or Typhoid & inter mittent it pervades high more than low situations it appears in hospitals under veneer there is perfect health if effects country people more than those of the town owing to the continual use of bad diet by the latter It alternates every year or two with the bilious yellow fever It changes in the same year and in the same persons alternates every year or two

It sometimes begins as Dysentery & ends in bilious fever Dysentery sometimes prevails in one part of the City while bilious fever prevails in another both requiring the same treatment It sometimes terminates in Ophthalmia & Clarkson tells us that it sometimes ends in salivation it is more fatal to old people and children than those of middle age It spares no age nor will any mode of life be exempt from it It is more common among the black in the West Indies than the whites It begins in the beginning of a rainy season it is more easy cured & vice versa There is a disease in Quito in South America somewhat to Dysentery it is called Val mille or Vesho. It is cured by thrusting a part or the whole of a Onion up the rectum This is mentioned by Baron Humboldt Are there remedies to prevent this disease? When salt water cannot be procured I believe salt may with equal propriety be used

The Remedies should be suited to the state of the System and the prevailing Epidemic when the System is prostrated below the point of reaction in the first stage of the disease all debilitation should be avoided purges vomits &c have frequently caused death in such cases the proper Remedies are Wine Land Cordials &c Cordial injections

Inflamatory State of Dysentery

Here we must be regulated by the pulse pain &c if is frequently necessary I have caused this operation to be performed from 1 to 20 times in a patient with success this was when it ~~prevailed~~ preceded the yellow fever Dr Clapham used always to bleed when it came on with chills and with no discharge of bile purges are always proper & ought to be resorted to often Castor oil linseed or Sweet oil Cristals of Tartar and Sulpher are proper The Vomitic Med- are fresh churned butter and butter milk in large draughts. Sir John Pringle recommends Calomel & Rhenbarb 79

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but they should never be used un
till others fail to effect Clysters, Pills
be used frequently vomits are forbid-
den but if there be much nausea
they are necessary fumes have
been used Salt water Sal Soda alone
cured an Prisoners in Trifola
(Are Sweats proper?) Dr Mosley
speaks highly of them tho I think
them highly injurious unless their
use be pointed out by nature Clen
tiny stunks should be used floa-
seed tea gum arabic barley home
~~mutton broth~~ Mullen tea Rice
water Shells of Hazle nut tallow
and Stench in warm water Per-
haps the following prescription
which varies but little from
what I have just told you before
will be the most valuable in dy
entery Mutton Suet with milk
hazle nuts tallow and Stench
& half pints of Tarten gum arabic
should be injected blisters are
proper to be applied to the loins
or belly the Skin and bowels
act on each other as antagonists

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antagonist muscles I have heard of two cases of men being cured by being whipped Opium shd be given after the reduction of the morbid action if given before the the pain is thereby increased Opium shd be given in large doses by mouth and small doses by day toward the close of the disease if the disease shd turn into an intermittent ~~fever~~ form bark should be used if chronic salivation this last has now become common the practice must be varied in different years Dr mentions that in a succession of 60 years practice he never saw the Dysentery while in succeeding five years here I will propose two remedies of an effectual in this disease

1st Lying on the belly

2nd Smoking Tobacco when it assumes a mild form Ves is seldom proper but Cordials should be used so

When pain becomes periodical bark and Laudnum should be used Remember gentlemen what I told you a little while past that Dysentery like yellow fever changes every year and that a change of Remedies is consequently necessary to cure this year & fail next and perhaps take its place the Shawnees and the Mississippi River seldom recover of Dysentery while the American are almost sure to recover this is owing to the influence of what as the Shawnees have for their breakfast four pods of pepper one herring & a spoon full of sweet oil mixed in cases of great debility the pt. shd not rise from his bed to discharge his feces a bed pan old cloths or a peice of soft leather should be used to receive them in the pain of Tenesmus may be cured by Laudnum injected in cases

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injected together with a spoon full of sweet oil equal parts of laudanum and sweet oil applied to the anus on a piece of tow is useful It acts like a charm in easing the pain The chronic Dysentery is cured by riding on horse back &c

Dysentery ends
1st In health
2nd In chronic Diarrhea
3d In Poly
4th In Rheumatism
5th In Chorea
6th In Tetanus and Hydrophobia
The unfavorable Symptoms are
1st Discharge of dead worms
2nd Suppression of Urine
3d Feces intimately mixed with blood which shews that some vessels high up in the intestines are broken Hemorrhagic are more alarming than Cancerous restlessness hiccough and a squeaking voice are all fatal Symptoms

Is this disease contagious? Only by excretion It is most certainly contagious from human miasma to I think that the Dysentery never spreads in a way similar to that in which the small pox is disseminated I shall conclude my account of this disease with two remarks

1st That when left to itself it is generally fatal

2nd That there is no disease so completely within the power of Medicine

Cholera morbus this is a form of bilious fever It is attended with a discharge of bile upwards & downwards It is also attended with cramp &c It is excited by summer fruit fright or cold air &c

...d Bache...
...uly 31, 1815.—A...

FOR SALE,
THIS OFFICE;
...OLD & SILVER NAPOLEONS
OF VARIOUS DATES.
--dtf

BALM OF IBERIA.
...E TWO DOLLARS.
...D from an Iberian fragrant plant, and is
...eign remedy for curing defects of the
...ving, for preserving its beauty, that has
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# TURTLE SOU

WILL BE SERVED UP EVERY
AND FRIDAY, at 11 o'clock, A
*MINERVA TAVE*

No. 3, George street, (which lea
into Seventh street, between
Walnut streets.)

GREEN TURTLE will be
SOUP o s, whenc
purel

clock in
House.

The Remedies are to be suited to the Regimen & Bridinnie pulse & Stage the year 93 I have bled children in this disease with great advantage Opium in this State does harm In a moderate ~~of~~ state of this disease Cordials are serviceable as warm toddy peppermint tea & warm embrocations on the ~~stomach~~ abdomen hot drinks & Milk will stop the vomiting when other remedies fail

Bilious Colic this is known
1st By bilious fever being Bridinnie or preceding it
2nd By being ushered in by a ~~bilious~~ a chilly fit this distinguishes it from Colic
3d By a discharge of bile upwards and downwards
4th By the pulse being more or less tense

and active It has occurred in sporadic cases during the time of the yellow fever

The Remedies are

1st. Purges injections Blisters warm bath if all these fail then by a salivation this last unlocks the bowels as soon as the mouth is touched thus Gent. I have finished of the summer and autumnal diseases for the means of obviating the effects of miasmata I refer you to my medical Enquiries Vol 4

We proceed next in order to treat of the pulmonary forms of fever in which are included pulmonary Catarrh Influenza and pulmonary Consumption

& first of

Pneumonia Vera In this the pain is not always confined to the side it extends sometimes to the shoulders kidneys &c

2nd We see this disease sometimes very acute without pain

3d Without cough as in the yellow fever in the most violent cases when the stomach and lungs are very much excited they are diseased being the point of reaction and sometimes below the point of sensibility and consequently a cough cannot be produced

4th The pulse is often deprecated. The system is then prostrated below the point of reaction in this case the pulse is rare by 0.1 which indicates the necessity of depletion

5. a person once having Pneumonia is more subject to it afterwards

RB

this is by leaving the lungs in a weak state under cold air and fever always determine to a weak ~~spot~~ part

Pneumonia rarely occurs in Countries uniformly cold or warm in consequence of the climate of Canada it seldom occurs there

Pneumonia is a symptom of or is induced by paint Influenza small pox Catarrh Contusions of the breast Gunshot wounds &c

The Remedies are Nx. accommodated to the state of the system Certain states of the system require the loss of 8 ℥ of blood while others require from that quantity to 140 ℥ some authors say it is it is improper to bleed after the 4th days f. q. or 11 they but they are mistaken Vs. is necessary as long as the pulse indicate it

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from its tension fulness &c or as long as there is a fever more bleeding is necessary in Continuous than in other cases. Bleeding on the affected side is preferable to that of the other the pulse will require bleeding more often the arm above is pounded or broken bones for which when properly managed it may be considered as a cure the 1st 2nd & 3d bleeding will seldom be safe but generally after this it shows itself safe

2nd Laxative Med. these are especially necessary when the disease is accompanied with bile Calomel natural salts & Antimony Blisters to the sides breasts & wrists after the second or third day or cupping is proper if the system be previously reduced the blisters may be applied in violent cases before the system is reduced to the blistering point as the stimulating effects to the whole system are more than counterbalanced by their depletion created. Blistering under with Senna & antimonial pills are 24 proper

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also Opium in small quantities at first after the system is reduced as soon as the cough comes on give demulcent drinks such as flaxseed tea barley tea barley water &c are extra torants proper? No provided Vs. has been sufficiently used first but when the arterial system comes to sympathize with the lungs also when Vs. has not been re ceived in due time and obstructions have taken place then may expectorants be given

Emetics are proper when there is much phlegm They fracture many persons from the frame

Cupping between the shoulders even when expectorants have been used Pg. would be proper to facilitate the discharge or as Dr. Sydenham expresses it himself "to draw the cough off by the veins" the proper expectorants are Squills Gum ammoniac & Volitile Salts when dele mum decay

[illegible]

[illegible]

[illegible]

Delirium occurs about the 6th day
it is always an alarming Symp-
tom The Tinc. Cantha. with Cam
phor so as to in duce Sweating
has been given in the best stages
of this disease with efficacy

Pneumonia notha this is known by
an increase of previous debility
it occurs in spring after sickly
autumn and generally in old
people The lungs are suffocated or
engorged and I have called this
engorgement and apoplexy
of the lungs the pulse is soft weak
and regular the Pneumonia
notha & vera are sometimes blen-
ded together in this case the
pulse is tense It is common
1st To old people much debilitated
2nd To drunkards
3d It is more common in
the spring and in moist
than in dry climates & in
southern than in northern

4th It comes on more frequently in the night

5. The It attacks and fixes in one posture I knew a gentleman of this City (the Rev. T Belmont) to be taken as he was sitting on his Sofa in a leaning posture upon the palms of his hands and elbows from which situation he could not rise

6th Without a Cough

7th Sweats on the breast and head

8th Sometimes kills in a few hours like apoplexy of the brain (It is apoplexy of the lungs) & sometimes not for days I once attended a gentleman in the 3d attack of this disease who died in two hours after his attack he died in a few minutes after V.S. Dr Gabriel says he never knew it among the negroes of the West Indies their lungs are too weak to react to the state of inflammation

[illegible]

9th It is a symptom of part pulmo
nary consumption yellow fever
and the Influenza

7th Cure consists in copious &
prompt V.S. 20. or 30 ℥ should be ta-
ken at a time from that to
one hundred in some cases the
first V.S. is sufficient but here
the pulse should be our guide
after V.S. blisters to the side
breast and sometimes volatile
liniti the blisters first mention
ed should be applied to the
shoulders thighs and arms at
the same time and assisted
by syringing in the great
depression Lond. Sal. should be given
in large doses after V.S. vapour
of hot water or the smoke of
resin received into the lungs
they rouse the lungs from their
torpor and prevent a second
congestion

taking place in them hot
water to the extremities water
poured on hot iron when warm
water is not readily procured

[illegible]

[illegible]

[illegible]

and the patient finished I came had a fit with a violent attack of this disease his respiration was very difficult having no hot water at hand nor time to wait I immediately passed water on a hot iron under his mouth & suffered him to inspire it in a few minutes I asst him how he did his reply was that he was a million of times better we are not always to expect however that these diseases are easily distinguished from each other for they are often blended together

Bilious Pneumonia In this there are two morbid actions in one the lungs & Blood vessels and in the other the alimentary canal

1st It is known by a redness in the eyes nausea vomiting black tongue and a low pulse &c

2nd — By prevailing in epidemics of a bilious kind

3d By prevailing late in autumn and in the spring month preceding the prevalence of bilious fevers there are two forms of this disease the first with a hypnotic pulse the second with a typhus or typhoid pulse

The Remedies for the first are copious and frequent bleeding much more than in Pneumonia notha there being two actions to subdue in place

2d of one ~~two~~ after by the daily use of purges with calomel which should be aided with clysters

3 Vomits If the stomach be affected with nausea from bile

4th Blisters &c

For the second in which the system is prostrated below the point of reaction and great difficulty of breathing quick breath &c weakness sweating &c now and then a soft humble tension of the pulse occurs

The Remedies are emetics for pain of
1st Vs. Cannot be used with advantage
2nd Purges gentle or blisters cupping
after which Stimulants as wine
Bark Land. volatile alkali Snake
root &c Should be used Tence ~~used~~
bled a Student by the name of
Greig for this disease in consequence
of which he was worse evidently
I then used cordials and cured
him I had another Pat whom
I injured by Vs. altho his pulse
was active I then used the bark
and Laudanum Successfully

Catarrh this arises from cold &c It is
an atmospheric disease and derived
from the sensible qualities of the air
subsequent changes from heat to cold
& vice versa from the operation
of these vicissitudes this most com
mon in great britain and
the United States It is hardly
known in Russia
2nd It is induced by the applic-
ation of cold to one portion
an part of the body

3d By Cold applied when there is sweat
4th Cold when long applied tho not intense
5th When applied when the body is debilitated all these causes are attended with obstructed perspiration
2nd It is induced by the excreted matter which induces fatal fever
3d The smell of old books
4th The application of Cold & sea air combined
5th It is induced by fear distress vexation &c Cold when unisome tho combined with moisture will not produce This is a singular fact Many of the Calamities of our country are brought on by sitting in rooms thro which a current of air passes After it is formed it is occasionally contagious It affects the Schneiderian membrane bronchia

Bronchia pulmonary arteries
where it effects the first it causes
sneezing when the Bronchia cough
ing and when the pulmonary
affects It is most dangerous and
obstinate in the Summer Chil-
dren as well as adults are effect
ed by it The former in conse
quence of a more copious effusi-
on ~~of~~ on the vital parts and
being less able to bear them often
fall victims to it

<u>Influenza</u> this is often the prem
ser of yellow fever and often
succeed it It affects brutes also
savages in whom it appears prem
catarrh and a cold which never
affect the last

<u>The Remedies</u> for Catarrh and
Influenza divide themselves into
two kinds
1st Those for the forming State
2nd Those for the State when form
ed

The Remedies for the foming state are Bicarbonate abstinence of the water white whey vinegar and molasses diluting drinks Mr Janeck used to eat a salt herring for this disease this caused him to drink a great quantity of water which cured him in 24 hours

When the disease is formed the remedies vary according to the state of the pulse from 1 to 20 ℥ if necessary There are cases where not only a tense pulse but a soft one calls loudly for the lancet

The bleeding not only cures the disease but prevents pulmonary consumption & catarrh from cold should never be neglected

2nd Purges where there is necessity (bile

3d Emetics

4th Demulcent drinks, mucilaginous &c The diseases arising are one of the causes of consumption should not be neglected they often prove fatal to persons and those of debilitated habits

J.G.

What more could we have than a
cold sure death is nothing more than
a very great cold for order to Pre-
vent these diseases flannels shd
be worn next the skin and
the head neck and feet should
be kept warm cold bath exercise
&c are good

Pulmonary Consumption or

Pneumonicula I shall here
sum up all I have to say in
a few words the Remote Causes
of this disease are

1st Prematurity on the lungs
2nd the early stage the blood is
discharged without a tubercle which
shews a general disease the lungs are
affected in consequence of fever
this fever produces an abscess if there
be no discharge ~~of~~ in the blood ves-
sels in the Bronchia and form
Tubercles, there are a few in
which hydatids and, even, small Calcu-
li are formed sometimes there
are no tubercles formed only
a deposition why do the blood

why do the blood vessels empty themselves in the lungs? Because if the laxity of their texture disposing them to receive morbid action & their continual exposure to cold and their being kept in a state of constitutional predisposed debility by catching cold & sometimes the fever balls upon the tracheia producing Catarrh Hemmorrhage &c &c In this case I call it tracheal consumption or Ophthisis Trachialis which is known by a constant cough and a black coloured expectoration the cough is never one constant and the expuition of mucous black. Persons have this expuition sometimes 20. 30. 40. & 50. & even 60 years without falling into consumption but the debility is partial and the consumption cannot be produced without general debility This I consider as a true theory

2nd Secondarily and Thirdly Sympathetically as diseases of other parts GO

of the body ~~as it is only nothing~~
as it is nothing more than a
protracted Pneumonia or other
chronic disease It is
1st always preceded by debility
2nd this debility pervades the whole
system this is proved from
all the causes which induce it
(refer to my inquiries) when the
lungs are effected it is only in
consequence of general debility This
I infer from
1st From the lungs being a hardy
viscus not producing consumption
when even perforated by a ball or other
local injuries
2nd Those subject to consumption
are of a debilitated habit or sedentary life &c
3rd Proper debility from the symptoms appearing first in the
whole system such as weakness
head ache headache cold feet weak
appetite burning in the hands
&c These symptoms continue
years sometimes without pro-
ducing a cough

4th From its alternating with diseases of the whole system in Rheumatism Mania head ache &c which are diseases of the whole system This disease exists in the Blood vessels the effects of it are

1st It excites cough this last is a remarkable symptom in the It is not only in the consumption that the effects have been mistaken for the cause but in other diseases we do not now ascribe the water in the head to Hydrocephalus internus water in the brain and membrane in the trachea have erroneously supposed to have been the causes of Hydrocephalus and Cynanche trachealis it is high time to harness the horses before the chariots of mind instead of behind It is high time to ascribe effects to causes and not causes to effects the earth in our science has stood still sufficiently long

The pulmonary consumption has sometimes assumed an intermediate form between it and Pneumonia In this case it sometimes kills in 8 weeks and is called a galloping consumption

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But it more frequently commences & 12 &
18 Months I had it frequently between
the 14th and 40th years of my age
It generally attacks under the age
of 36 from that to 40 & 45 and
rarely at 60 Children are not
often subject to it black eyed and
red haired people also such as have
irritable habits, and where the Bow-
els the predisposition to consum-
tion is hereditary but often a fi-
bral disease and often exists in
whole families even where no here-
ditary predisposition exists Dr Cragg
has lost 5 Children in this way
and he himself and wife are ex-
empt from it in the town of
Salem all that died in 12 Months
1/3 died of Consumption from 1/4 to
1/2 of all that die in G. Britain
die of this disease those who have
had the intermittent fever are
predisposed to it more than
others moist and variable
~~weather~~ Climates & Countries, pre-
dispose to it especially near the
sea shore where many more of

where many more of the inhabitants die the months of March in our climate is most fatal to consumptive patients from the variable temperature generally prevalent at that time Diseases near the sea shore or in moist climates require the lancet much more than in mediterranean countries Moisture alone is not sufficient to induce this disease this Tumor from its scarcely known in Holland cold or very hot climates never produce it but they are unfavourable to it when formed Few have recovered who have gone from Philadelphia to the west indies in this disease Dr Blair says that a latitude from 30 to 40 degrees is best adapted to consumptive pts

Authors divide it into 1. 2. or 3 stages I have seen it in all its stages even until it precedes death

1st without a chill

2nd without a chill hectic or night sweats

3d without cough & I have seen two fatal cases of this the one

The one complained of pain in his side ~~The other~~ and an inability to speak from a pain only the other in the head

It seems unnecessary to produce fever and that the air may have access to the lungs

Wm Pulmonary consumption has been said to be contagious from sleeping &c with persons affected with it It is believed to be so in Portugal and Spain where the beds and cloaths of persons who die of it are burnt

It may be and is from inhaling the breath of persons who die of it from being exposed to their sweat and from sleeping with them

The following appearances shew themselves on dissection No marks of disease at all

6 Water in the lungs
7th Abscess
8th Chalky and tuberous concretions
9th Ossification of the arteries of the lungs
10 Certain substances inhaled have been found there after death
11th Preternatural weight tightness hardness & cast by but one lobe has been found besides these appearances but one lobe has been found
Besides these appearances ~~but on the~~ liver &c has been found diseased & cough often continues for years with spitting of blood. While no fever is there it does not kill
The Remedies for it are of two kinds viz
1st those for the burning state &
2nd those for the disease when formed the first temp for the burning state are
1st If the pulse be active as the debility is generally from depression
2nd Tonics such as bark wine sulphis Chalybis &c with tonic diet and fat meat

3d Exercise such as riding on horse back in a carriage &c
4th Cold bath
5th Avoiding all exciting causes by observing the premonitory symptoms I have prevented many hundred consumptions when formed it is often cured with synocha Hectic or typhoid tho not in this order and sometimes typhus pulse

The Remedies The remedies however suitable to the state of the system change of the pulse &c I have known the pulse run thro all its different states in a short time in this disease I have known an active pulse and sizy blood even untill just before death if it be synocha or synochula V.S. is necessary it should be small and frequent it has been performed 150 times with success Dr Griffiths bled a young lady of this city as often as the above it was taken in large quantities at a time and repeatedly
2nd A vegetable diet with a little salted meat or fish milk is generally improper in this state. only diluted not more than a pint of liquid ~~diet~~ diet should be taken daily in this disease

3d Nitre every day it acts by transpiration
tion from the blood vessels to the bowels &c
4th Blisters to the sides and wrists & round
however prefer them to the shoulders
if to the arms they should be high up
on the joints especially if it arise from
secondary causes as Gout Rheumatism
5th Emetics after the system has been reduc
ced they are more particularly useful
when it proceeds from colds &c a stitch
of blood does not forbid their use
6th A salivation the mercurious debility
which is not removed by this should be
abviated by tonics salivation is our only
surer most radical cure 4 out of 10 who
were salivated in recent cases were cured
the remedy in this stage is generally
is generally a radical one for stitch
of blood it should not be forbidden
but should rather be considered a
symptom requiring its excitation
In the second stage 2 in 3 and in
the third 1 in ten who were salivated
were radically cured blisters with mer-
cury and antimonial powders are
frequently used It is to be regretted that
mercury so frequently fails to produce
a salivation it fails oftener than it
succeeds

For the Hectic State Salivation promises more good than in the Typhus State but it promises still more in the Typhoid State of the pulse in the Typhus Opium sometimes cures perhaps when it does it acts by its sedative action on the brain Mania being induced cures it Garlic tea pills in different forms Tobacco cordial drinks the most nourishing diet & cordial animal food &c I will remark here that 1st ~~that~~ these Med- should be used only in the Typhus and consequently in the last Stage of this disease.

2nd – Only when they render the pulse fuller and slower

3rd Should be taken all day and night

4th – That animal food is preferable to the herb when the acute forms are reduced Travelling swinging and riding on horse back rowing &c are proper in travelling upon must be had to the vehicle beginning with a carriage then on horse-back and also the climate and country the sea shore should be avoided

Opium as curing the consumption they may frequently do good but I have known one case completely cured by them but I prefer the Nervous Elixir to them

Digitalis this is said to lower the pulse & consequently to increase absorbtion I must however observe here that I have only seen one instance in which this mean of service I believe more good may be done by it in the Lancashire than in Pennsylvania and its effects are somewhat similar to Opium
It is given in tense pulse in this case its operation is ~~to lower the pulse~~ slow and consequently it is much more now experiment of concerning preferable
2nd Eating plentifully of sweet grapes has cured consumption
3d I once saw a cure from Malaga grapes
4th large draughts of the Juice of the Sugar tree and sweet apples or the tea of them
5th Fumigations by burning resinous substances Burning narcotic substances such as hen bane hem lock &c and receiving the fumes into the lungs have been said to be of service
6th Reduced air Dr Priestly's daughter was cured of a consumption by breathing the air of the same room in which a cow ~~died~~ lived Dr Beddoes says this was not from the reduced air but from the equal temperature kept up by the cow Q5

7th Fractions have been used they are more useful when combined with some stimulating substance the sympathy between the lungs & skin is of an inverse nature consequently clothing shd be warm and particularly to the extremities in proportion as debility ~~as deb~~ is present throughout the system so will be the excitability increased of the lungs

8th Stone rooms are high by shaken of I have once cured by this means the heat should be from 70 to 80

9th The hardships of a country life and country life have frequently cured this disease the cause of consumption should always be had in view If for example Rheumatism or gout be produced it they should be brought back applying blisters to the ~~toe~~ for gout ~~and~~ venery should be strictly forbidden for the lungs and venereal or any sympathize with each other this sympathy extends to the brain

Erection sitting in a current of air and talking should be prohibited

all the exciting causes should be avoided I have seen a cough suspended for 4 days and by silence cured then return again by talking

The Troublesome symptoms to be relieved are

1st Cough this must be relieved by all the Medicines mentioned under the head of Catarrh as Opium &c

2nd Pain in the side by V.S.

3d Bright sweats these originate in great debility which favour easy excitement to morbid action

The Remedies are sleeping in flannel and on a mattress friction with tepid alkali a draught of hot drink ~~Opium~~ fails the others prevents where

4th Swelled legs These should be rubbed upward and cured in the morning only also by blisters and punctures on the ancles

5th Difficulty of breathing by V.S. Vol alk.

6th Diarrhea by testacians powders Laud &c they seldom check it but relieve pain Death from consumption is produced in the following ways 96

1st By a sudden rupture of an abcess
and a consequent suffocation
2nd By a sudden translation of the
disease to the brain producing mania
4th Pneumonia vera. Supervening on
Pneumonia notha this often occurs
in habits disposed to Pneumonia on
cold
5th In sore throat
6th In swelled legs and thighs
7th In swelled face
8 In great pain or spasm of the
limbs this is an effect of nature to
throw of the disease but it is too
late and in dices one of the most
violent and miserable deaths
9th Diarrhea and knights sweats

The Signs of Life and Death are
1st Those who have a predisposition
to this disease from ancestors are
with difficulty cured
2nd Gout is unfavourable when
translated to the lungs
3rd Cold feet obstinately or completely
to the shoulder heels and feet warm
and new them as sure

4th When Calculi is expectorated the pat. will seldom recover

5th a suppression of cough without a supervening diarrhea is always unfavourable

6th Thin watery discharges or frothy expectoration is unfavourable and seldom or few recover from them but when the expectoration is greenish or well concocted the pat. will probably recover

7th Eyes becoming lighter than is natural is unfavourable

8th Lice and the hair falling off the head is unfavourable

9th A spitting of blood is favourable in the first stage of the disease but fatal in the last when ulceration of the lungs has taken place Rheumatic pains without cough or less than common is favourable

11th Constant vomiting in the morning mortal more dangerous in young than in old people

Prophylactics are

1st warm dressing flannels &c

2nd Vi. Occasionally

3d Bath ~~antiphlogistic~~ taken only in the internal of morbid excitement and pain and when there appears to be no necessity for it

4th Tannage Change of Climate and removing from situations exposed to the sea &c I shall now speak of Cough it being a sign of Consumption

## Cough

This differs from Catarrh in not having febrile action it would often continue throughout the whole of life It is the local & primary one of which I speak it is of the utmost importance to distinguish the local from that which arises from general disease this cough occasionally sometimes so as to produce general ~~disease~~ debility

Transcribed

and consequent reaction and con
sumption and death This shews
the necessity of curing it whenever it
should occur I have divided cough into
pulmonary and tracheal The last
is short and hacking produced by di-
rect as well as indirect causes and
comes on suddenly The remedies are to
be directed by the state of the pulse
and state of the system while the
pulse is full

1st Vs.

2nd abstinence of diet

3d Emetics

4th Long Riding walking or standing in
the open air

5th frequent and small draughts of
cold water I have thus cured it in
myself arising from heat and stand-
ing with the back against the
cold wall I have known it suc
ceed in a Cabt S

The remaining one was where no-
thing else would have any effect
The following remedies are some
times efficacious Mallows bran &
flax seed tea liquorice ~~tea~~ Mixture in
the day

and Laudanum at bright Sleep must be had and Silence is good Sweet oil & lime juice of each equal parts a table Spoon ful 2 or three times a Day Wash Horehound ~~tea~~ alecompane bay root of each an handful boild with sugar and molasses to an extract I have found to be an excellent remedy White Sugar wetted with spirits and suffered to Dissolve on the roof of the tongue peppermint Lozenges Burgundy pitch plasters applied between the Shoulders Pts of garlic or onions Mustard and horse radish Resin tea a Spoon ful of ~~molasses~~ the powder in Molasses for pills from ~~one to~~ 4 to 10 grains three times a day fever has cured it keeping the feet warm too much cannot be said of this last Remedy in its favour take Care of your feet then Pd be Manual exercise of a Physician as many diseases are in Ulcers than this Medium Tinc. of asifitida Opium in small doses in the day and large at bright

smoke of wax resin and the like bathing the feet in cold water every morning smoking Tobacco and lastly a salivation this local cough is to be distinguished from consumption by its being more sonorous less hollow and accompanied with less expectoration than the former when a cough arises from worms &c Remedies as before

we come next to the continue State of fever in which are included the Small pox Measles Erysipelas Milliary fever Chicken pox and &c

1 of Small pox

## Small Pox

There was a time when this disease inspired terror by its approach near lace intervals and was of less terror even pestilence was then desired in preference to it for great would expel pestilence while Small pox remained undaunted at its approach it exists in all seasons of the year & states of the air &c

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It has been computed that ~~to one eighth~~ one eighth of the human race died of the small pox when taken in the natural way But Gentlemen we may sup- ~~pose~~ hope now a new era justly to have taken place in Medicine the existing of the small pox is fixed the day is swiftly approaching when we shall only know it by its record on history I say it will soon be known no more

It is prevented by an harmless antidote let military men celebrate Cesar & Alex- & but Physicians celebrate the never to be forgotten name of Jenner whose fame once extended not heard a rival and who never once was petronised by the great nor encouraged by the rich To this man does the world owe the discovery of the preventive to the small pox He it was who gave us the vac- cine inoculation which is attended with the following advantages

1st It requires no preparation of the system for its inoculation

2nd It may be used indiscriminately in all climates and seasons It cannot be communicated

It cannot be communicated when the thermometer is at 90 nor during the blowing of the Lamattan winds in the East Indies

3d It is milder

4th Beauty is not in the least injured by it

5th It is not contagious a part of the family may take it without inconvenience to the remaining part of the family

6th It carries off chronic diseases

7 It is never mortal unless attended with another disease

## The following Precautions should be attended to

1st Never take the matter of vaccination after the ninth day

2d Use a sharp lancet and make as small a puncture as possible that little blood may follow the matter should be suffered to evaporate ~~from~~ the water from it before the matter is used or put the liquid matter & not purulent should be used the activity of the matter is sometimes increased by first rubbing the arm before inserting it

3d where a Scab is used it should be the first that is formed about the 8th or 9th day It has lately been found that a Scab will keep the matter of inoculation from 1 to 2 years It is no objection that the Small Pox is taken after it this happens as often after the inoculation for the Small Pox here a tribute of respect is due to the cow after she has furnished us with her Milk meat horns & hoofs bones hair &c She has again added to her services by expelling that terrific monster the Small Pox from mankind
Let farmers and planters venerate the Plough & all the human race venerate the cow

Measles this State of fever is raised by the atmosphere the pulse is sometimes Synocha Synochus & Synochoid & even Typhus & Typhoid for a full account of the Measles I refer you to my Inquiries & other books I have never seen a case of putrid measles I will here make a few generale observations

Dr Willing says he has seen it taken twice here he mistook the time and Spurious and he ~~has seen having~~ has seen he says successive eruptions It is often attended with Cough and diarrhea they are to be cured by the ordinary means No satisfactory reason has ever been given why this disease ~~has~~ never effects but once The

Remedies are Vs. Purging Demulcents Drinks & blisters and Opium

Erysipelatic State of fever

This attacks both adults and children but more frequently the latter It is not on by poisonous substances It effects the face breast limbs &c death is not on by mortification persons once affected with it are apt to have it again it often precedes epidemics

The Remedies are Vs. Purges blisters to the inflamed part Cool air &c when the pulse is Typhous or when mortification has commenced bark should be administered &c avoid all applications from Sprinkled on the part in place of eruption is much the best this disease is often the precursor of the malignant fever

Miliary Fever this is an artificial disease produced by hot regimen &c

Chicken Pox This is accompanied with little or no premiaux fever has few eruptions scarcely more than two or three hundred and those chiefly on the back

The Remedies are a gentle purge low diet and if the pulse indicate it a venesection by.

Semphigus this is a rare state of fever we have and then meet it as a symptom of yellow fever

The Remedies the remedies must be suited to the state of the disease which you will easily know by adverting to the 3 primary forms of fever

We come now to the congenial state of fever in which are included the Cynanche Trachealis or what is called croup or hives the Scarlet fever sore throat ~~and~~ the malignant sore throat and the different forms of inflamatory sore throat and first of the

Angina Parotidea. or <u>mumps</u> This is a swelling of the parotid gland the swelling is sometimes translated to the testicle in men and breasts in women and from that places to the brain in some instances where it generally proves fatal It sometimes destroys the testicles by withering them away This is prevented by blisters being applied to the face when it first comes on and to the testicles when far advanced

## Angina Pharyngea

This affects the Pharynx and impedes deglutition and is the inflammatory sore throat The Remedies for its inflammatory state are washing the throat with brandy & water and keeping it clean Tart Tartar and oil when externally applied when formed is an excellent application tr. Purges vomits tartar &c & blisters to the throat have been found useful

## Angina Tonsillaris

This affects principally the Tonsils and is what is called the ulcerous sore throat but is different. For its forming state gentle purges &c are sufficient but when formed

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Ter

But when formed the Tonsils shd be punctured with a lancet or broken by other means I formerly bled in this disease but do not now unless there be danger from suffocation the loss of a few drops by puncturing the Tonsil is better than general bs Dr Radcliff cured a pat once by causing him to cough heartily and thereby caused him to break the tumor. Bronchot

The prophilactics are avoiding cold feet keeping wool on the neck & it is said to be connected with liver complaints when it is it shd be cured by the remedies to be mentioned hereafter for them

Cynanche Trachealis for a discription of this I refer you to authors I shall only deliver a few facts

1st It attacks children chiefly ~~the~~ and sometimes tho rarely adults

2nd Prevalence of its attacking the lat ter in the death of general ~~Wa~~

Washington facaly the most

fatal

2d It is generally induced by the sensible qualities of the air (Cold) like Pneumonia I once saw it produced by throwing a mug of water on a child in an other of a boy eating to freely of buckwheat cake

3d It is sometimes a symptom of small pox measles yellow fever Rheumatism

Dr — had the Rheumatism translated to his throat a Calomel brought it back and cured him

4th It is seated in the trachea where it produces Convulsions and Spasms

The appearances after dissection are

1st Symptoms of disease at all in consequence of morbid excitement being too great transcending the inflammatory point

2d Inflammation in the trachea

3d Matter said to be mucus but is really liquid

5th Small ulcers in the trachea from its analogy to inflammation of the pleura and lungs it may be called tracheal pleurisy Dr Dunnin called it pleurisy of the trachea it has been called trachitis is a familiar disease

The Remedies are

1st Pr
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1st Prompt and copious V.S. or often repeated the more so because the thorax is so remote from the circulation Dr. Physic once bled a child of 3 month old 4 times and with success Dr. Dick of alexandria used V.S. ad deliquium animi generally

2d. active ~~purges~~ emetics recollect here the sympathy between the stomach and trachea and the physiological fact that children will bear Phony much better than adults

3d. Purges of calomel & Talap Dr. Physic gave ℥ss of calomel to the above child if it had not good effect the calomel it creates a new action in the stomach and bowels and seldom effects the teeth Dr. — speaks highly of Penetha in this disease it does more good when it nauseates I object to it because calomel is preferable blisters or flour of Mustard & applied to the thorax Sedilivium Cataplasms to the extremities in the decline of the disease upon it is more fatal when it succeeds other diseases

and the danger is greater when attended a constant Stertor in Breathing and tion are generally fatal and I will con clude with observing that this disease was formerly in its highest degree uni versally fatal and is seldom so now in any part of the united of the united states to the Bancet aided and regu lated by the principles of the unity of disease are we to ascribe the com plete triumph of in Medicine over this disease once so formidable an emetic will frequently prevent its approach

Its use (V.) seems principally to be con fined to America

Angina Suffocativa of Bard or oreille of Tissot from its affecting the throat The Symptoms of this are the same as in the Malignant sore throat the swelling extends the Trachea and Bron chia and the last ones of suffocation a spontaneous salivation often terminates this disease. The Remedies for it in its forming state are ~~as sweet~~

The Same as for the angina Scarlatina
The Remittes when formed are by
Sweat ~~oil~~ fumigations vomits blisters
behind the ears, purges Mercury &c
Dr Bond Recommended Bath &
other tonics Tho I found it unsuc-
cessful in 1772 in the hands of
some of our ablest Physicians they
proved ~~successful~~ ineffectual I relieved
it by blisters and emetics I once
cured a Student by Snuff the sight
of it suggested its use to me he was ap-
parently Struggling with death but
he sneezed freely discharged a con
siderable quantity of Mucus and pus
from his nose and in 30 or 4 hours
was well enough to sit upon his bed
and finally recovered The Prophi
lactics are the same as for the C.S.

Angina Scarlatina or Scarlet
fever sore throat This is of less mor-
bid action than the Malig sore &
less mortal and is generally attend
ded

This is generally attended with ulcers and sloughs Sydenham says he saw but one case without sore throat and ulcers for one case which I saw the skin could be peeled off from the hand like an inflated glove It sometimes kills in 6 hours tho many hundreds recover from it without an alarming symptom It exists in the degree of morbid action from a flea bite to the plague Dr Willis says that he has seen it terminate fatally in phrenetis & mania Dr Heberden says that Stell can be taken more than once & is contagious from excrements and from excretion only

The Remedies in the forming state are as for the next disease in its forming when formed the remedies

1st Vs. if the pulse be full and tense
2d Vomits which may be repeated
3d Purges
4th Cold applications to the arms and legs the water should not be very cold when the skin is very hot
6 Blisters to the legs sweatings fumigations

fumigations when the symptoms are malignant or the throat sore Bark wine and laudanum pain and swelled limbs are favorable I have seen it terminate in swelling of the neck & ulcerations of the submaxillary glands a yellow skin is a fatal symptom It is an atmospherical disease when it becomes epidemic when emetics do not operate it is an unfavorable symptom the skin is hotter in this disease than in any other

Malignant sore Throat usually precedes the plague according to Webster it an evanescent form of plague it is frequently very fatal It prevails generally amongst the poor and more especially their children it is attended with bilious discharges it has been said to be contagious but this is a mistake for it is not so except in the manner to be mentioned presently it effects girls more than boys and women more than men and weakly persons more than the robust

It is sometimes sporadic and is an atmospheric disease in favour of its being contagious it has been said it would be taken but once now and then it appears in the form of Synocha It is contagious only by an excretion of acid matter Breath &c it is a fever of great Malignity and kills on the 3d 5th or 7th day are the days Critical when Malignant fever terminates the life of man

The Remedies in its forming State (which is known by Languor Stiff Neck &c) are Emetics especially tartrite Mineral which never fails to shangle the disease in its forming State It act like a Charm where the disease is formed 1st is proper if the pulse be active or tense after that

2d Emetics of Tartrite Mineral which must be repeated daily untill the pulse is reduced to 70 beats

3d Gentle purges shany one are very serviceable because the intestines are now very irritable they are particularly hurtful after the 1st day

4th Bark afterwards wash wine hand-
mercury how shall we account for
the effects of Bark and other stimuli
in this disease? because it is a ~~very~~
centrifugal disease and one of very
weak morbid action blisters to
the neck sweating and &c fumigation
of myrh in vinegar stimulating
gargles taking care to wash away
all pitch and slough formed
The following formula I have found
to be of very great efficacy

~~℞ Cayenne pepper pulv (tea spoon full 2~~
~~Sal com. vel marinus Bell~~

℞ Cayenne pepper pulv. Tea Spoons full iii
Common Salt marinus Bell Table Spoons f. 2
Boiling water ℥ VIII
Boil them let it cool & add ~~vinegar~~ ℥ VIII
a table spoon full to be taken
every half hour by an adult & a deg-
ree frequently follows this disease
the skin and nails come off the
greater the swelling the less the
danger a spontaneous sweating is
always a favourable symptom

The Prophilactics a cool diet gentle cathartics salivating the system with mercury and a avoiding all exciting causes are these three last forms of sore throat the effect of different remote causes? I formerly believed they were but now I believe they all depend on one Heberden Gregory & Pathport me We come now to speak of the arthretic state of fever & first of ~~fever~~ Rheumatism

Rheumatism for a particular account of this disease refer you to authors It may be brought on by cold & Parlary Soldiers and washerwomen who are much exposed to fatigue and cold are much affected with it The pain excited by cold in the fingers is a temporary acute Rheumatism Rheumatism of the most inflammatory kind occurs in summer It is increased near the sea shore It alternates with gout Consumption and Mania It appears with scorbutic eruptions It affects the joints &

+20 days of the land & Lawn Tenants Co.

and sometimes the bowels lungs & eyes
Rheumatism. It divided into acute &
chronic in both of which there is mor-
bid excitement there is rarely inflam-
mation in Rheumatism It is not the effects
of effused blood but serum only
In the acute the pulse is synocha in
the chronic synchusa

In the <u>acute</u> the <u>Remedies</u> are
1st V.S. copious both general and local
Tartarized emet nothering with bolid
V.S. they did so even if the blood
were fizzy In the first state it may
be cured by local blood letting only
but when the system begins to
sympathize this will be ineffec-
tual consequently other Remedies
must be used as purges
2d Purges In favour of this Remedy
Dr Hilleary says he has cured ~~it~~
Rheumatism without it without
~~Rheumatism~~ V.S. Natral Salts low
diet Blisters to the part affected an
timonial powder Dovers powder

Dowers from 18 to 20 grains at bedtime has generally been prefered It is not necessary to wait untill all reaction of the fever hires or reaction of the pulse be reduced to give Dowers powder Opium is the active Medicine it Certain palliative Med. in the chronic State as Cabage leaves Molasses gives great relief Rubbing the place with Mercurial ointment (friction Capt Cook was cured in this way) Cool air what would be the effect of cold water or air in this disease we must first from analogy of the founder-ed horse in this case the horse is truly Rheumatic the founder in horses is nothing but inflammatory Rheumatism of the legs & back the causes of it are either violent exercise bringing on debility or heating him and suffering him to cool suddenly or eating too much They may all be combined to in-

to induce the feet from exercise & from being remote from the circulation are predisposed it it The time ~~on~~ of a founder in a horse shews ~~that~~ it is a Rheumatic complaint The Remedies are to lead the horse in to a Marsh Creek ~~and~~ or any cool place again we see cold water cure the pain from cold fingers in Children I ask then what might be the effects of cold water in use in this disease

## Rheumaticula or chronic

Rheumatism in this the Patient sit up and walk about the pulse is tense and small The Remedies are chronic by without this we can make no impression on the disease it should be general and local gentle purges low diet Blisters & last by Salivation I have cured this by by. when purgatives failed the limbs shd be exercised as soon as possible also

in Fenoducab Albuminuria

Bath after Ov.

+ If old fail Solution is proper
Will bath

Stricture*

also in the next form Hogarth has recommended but I have taken no notice of this because if we were to judge of the ~~this~~ from the effects of other stimulants we should judge it improper both of the above forms of Rheumatism may be avoided by shunning cold &c and the habitual use of Sulphur &c

Rheumatalgia this arises from a half cured Rheumatism or from ant excitability

The Remedies are external and internal the first are the warm vapour and perhaps the sea bath Heat has different effects according to the Medium with which it is applied the vapour bath at 100 of heat shd be tried especially when the rest have failed friction with the hand flesh brush tal-tincture of guaiacum Cayenne pepper ℥i spts ℔1 or ℥i pulv. Mustard in ℔1 vinegar 10d

~~in of the Internal~~ The internal Remedies are Fric-
guaicum Tinct. Mustard and vinegar
Cider in which a red hot Iron has been
cooled Salivation which is however
hard to be effected and a change of
climate from a colder to a warmer
when abscesses are formed I have seen
but few cures and never saw one where
Hectic fever came on this sometimes pro
duces abscesses in the Joints what Dr. Cullen
calls arthro Prosis in those cases never
prescribe without feeling the pulse
for by the exhibition of tonics in
Rheumatalgia it may change to Rheu
matic and then to the more
inflammatory Rheumatism on all
those forms of Rheumatism I
will observe that Pat.s shd use their
medicines as freely as possible when
morbid excitement is reduced those
two facts in favour of exercise in
this Dis.t!

2 I have now to add that you are not always to expect to find these two forms of Rheumatism to succeed each other regularly the one often precedes the other and they often blend their symptoms

Gout for a full account of this disease I refer you to my medical Enquiries

Tic Doloreux this is connected with gout and Rheumatism I have called it the amaurthritica it effects not only the cheek bones but also the orbits of the eyes nose tongue gums lips and legs it has intervals of pain sometimes continues for a minute and then goes off sometimes it disapears for months and longer and the pain is very exquisite It is excited by eating drinking speaking sometimes the part is so exquisite as to be excited by the least noise

on the leg it has been excited by the fall of a small piece of paper falling on it it sometimes lasts for 20 seconds It is worse in the night than in the day the pain generally lasts from half a minute to a minute There are grades of pain This may be the first the heart when examined shew no marks of disease I have heard of its ending in mania & apoplexy all the cases that I have seen occured in persons under 20 years of age

1st It effects gouty habits cured is removed by the same med- which relieve gout in gouty people it has been relieved by a return of the gout to the feet

2d That it prevails where intermittents do in germany

3d Many cases have been observed at one time and then not for many years from this it has been considered as Miasmatic and produced by the atmosphere

It is one of the six forms of disease
The pain is acute but not more so
than in some other diseases
The head it seems emits the highest
tone of pain

Remedies It has rare-
ly been cured but it is not cannot be
incurable time will insure its a cure
1st Blisters Caustics Electricity extract of
acute salivation and Moxa those
which have relieved it are Opium
Shammonium Belladonna & Opium
has done more good when combined
with Nitre Bleeding must has relie-
ved it Belladonna has relieved it
6th The application of the Magnet has relie
ved it Ties tying the Nerve leading
to the heart
7th Dr Sybile says a partial cure by
a discharge from an abscess in the
in the shoulder it returned when
healed but on opening it again
was again Relieved
8th Time has worn it down a wound
on the head has produced the same
effect as an abscess.

What would be the effect of producing an artificial drain from the head gentle pleasureable sensation as gentle friction Blisters may have a good effect What would be the effect of applying ~~blisters~~ stimulents to the feet when we consider how many diseases ~~are~~ make their attack thro the medium of the feet it is surprising we have never attempted expelling thro the same medium

We come next to the

## Cephalic State of Fever

under which are included the Phrenetic Maniacal Lethargic apoplectic and paralytic States of fever

## The Phrenetic States of fever

for an account of this see Boerhaave and Cullen It attacks the brain and the maniacal state of fever depend upon the part of the brain in which the mind resides and consequently effects the intellectual faculties

They effect the brain partially whereas the apoplectic affects the whole partially and the paralytic a part only. All these states have morbid excitement for their cause. The phrenetic state of fever is produced

1st By causes acting directly on the brain

2d By causes acting on it thro' the medium of other parts of the body

3d from translation of morbid excitement in all its forms to the brain

4th It sometimes succeeds suppression of urine. The pulse is sometimes bynoche bynochaus bynochaus and even typhus and typhoid and according to Mr. John Hunter perfectly natural. There is an intolerence of light & sound great morbid excitement in the muscles and consequently great strength and delirium. The phrenetic state or delirium is known by the diseased perceptions in delirium being uniform

2d Delirium is known by incoherent conversation whilst in mania there is incoherent action

3d In delirium the fever is more obvious and constant

4th Delirious persons rarely remember what they do or what they say while in mania ~~what~~ they remember every thing what they say or do

5th Delirium when symptomatic has rational intervals

6th In delirium the subjects are numerous and general but in mania it is far from being the case for they are unerrably confined to one subject

The Remedies the remedies when there is great morbid action are

1st Ly which is to be particularly more careful when the disease is produced by contusion

2nd Ly have been taken at different times with advantage also cutting one a arteriotomy especially in the temporal artery

2d Purges

3d Blisters first to the ancles and after depletion one a when the morbid excitement is more immediately reduced to the head and neck

4th Cold water or ~~air~~ ice applied constantly to the head also elevating the head silence and darkness shd be used when the disease arises from suppression of urine

If Shd be drawn off with the catheter Opium
Thanker be carefully avoided Salivation
when it arises from contagion is
more effectually useful when it arises
from Typhoid or Typhus treat it
as those fevers with opium &c

Maniacal State of Fever
This attends all the forms of fever Sometimes it attends the last Stage of Typhus here Dr Cullen calls it the Typhomania

The Remedies are to be accommodated to the State of the System & pulse Vs. blisters to the head &c

Lithargic State of fever this is attended with coma and the remedies Shd be according to the State of the System and pulse sometimes it is attended with a Typhus pulse here it Shd be treated with stimulants but when from suffocation of the brain Vs.

Apoplectic State of fever this seems in plague and is often fatal It also occurs in tertians

The Remedies are to be suited to the State of the brain & System

where the System reacts Cathartics Dr. Blisters
purges Clysters so large as to act mechan-
ically by their quantity Stimulating
cataplasms to the feet then to the head
and neck cold affusions and
mild Salivation. When there is reaction
Stimulants shd be used as Spirituous wine
Ether alcohol &c
When intermissions take place bark
should be given. When it assumes the
Typhus or Typhoid form the remedies
should be such as are used in those
states of fever. It has been believed to
be at times Epidemic but it only oc-
curs then as a Symptom of fever
(It is frequently a Symptom of bilious
yellow fever owing to Cephalic medis
position. [illegible] inflammation.)

Paralytic State of fever this is com-
mon than the former. It occurs
in Hemiplegia & and generally
affects one side and is produced
by cold Sleeping on damp ground
Remember I am not speaking of
apoplexy and palsy

## Hydrocephalic or Phrenecular State of Fever

This is either Idiopathic or Symptomatic It is Idiopathic when it comes on from contusions blows or falls on the feet

It is Symptomatic when it arises from all kinds of fever but especially when it arises from those of a remittent or intermittent form or when it comes on from consumption catarrh diarhea erruption Dysentery chronic headache worms and Measles The worms may be expelled but the disease continues from any action therefore the removal of the cause is not sufficient for the cure of the disease The Symptoms in all these cases seem as soon as water is collected in the brain Celsus says but Cato Censa tollitur Spectus but this is erroneous the worms may be discharged and the man by which then occurs still the fact that the disease is simply morbid excitement Treatment

1st from its usual Causes

2d From its Symptoms
3d From the consequences of inflammation or effusion of fever
4th from the Remedies to cure it
Vs. and Cetera This sometimes chronic and sometimes acute (very) It is produced by Meconium retained. Coagulating Milk on the stomach dentition eruptions worms exercise pain Children that are fond to be over laid often die of this disease and those that are under 2 years succumb as well as those of fits &c die of this disease
The following appearances present themselves on dissection
1st a Sound brain this has puzzled Physicians very much but but they do not consider the immediate cause of this disease the suspending inflammation this Morgagni takes notice of Clinically to the same
2d Inflammation or redness on the Cortical part of the brain
3d from a tea spoon full to 6 ℥ of water in the brain

which does not always coagulate some times this water is effused between the dura mater and pia mater sometimes between the pia mater and brain I have seen in some instances hydatids in the substance of the brain after effusion has taken place there is a sudden abstraction of pain but the water soon reacts and causes it to return The pulse is quick.

Remedies they are

1st Pg. This ought to be more copious here because there is no backdoor to the brain in the lungs liver &c there is an outlet hence small tenesmus in these parts may be left

In 1801 I drew 100 Hundred ounces of blood from Miss Hunter and thereby cured her I have succeeded after convulsions and Strabismus have come on by Pg. The blood may also be taken by cupping or Rexhabs by opening the temporal arteries scarification in the occiput

2d Cold application, acrid purges Jalap Calomel Rhubarb & vermifuges

Pink root Shd be most carefully a-
voided since it induces the determi-
nation to the head blisters to the
leg neck and head The last Shd
be very large and kept open some-
time Salivation. Mercury rarely
effects the mouth of Children Dropsy
in different states of the body Hunter
says the Gleet is secreted because
it is not coagulable a dropsy fre-
quently succeeds a half cure inter-
or re-mittent fever it is brought on
by obstructions in the kidneys a
catarrh frequently brings on a Hy-
drothorax Bruises of the head dropsy
of the brain on the testes of the
scrotum &c water is found in the
cavities whilst air is found in s-
their sacs in all these cases mor-
bid excitement precedes the effusion
of water Lymph or dropsy as it is
called is the effect of the undue
action of
The arteries to relieve themselves of
this distension throw out this

this fluid into the most convenient part or cellular membrane dropsy is seldom produced in

1st Old people are not effected with swelled legs because there is no morbid action in the blood vessels

2d In the last stages of those diseases called atrophy or marasmus but typhus or consumption because there has been an excessive action

3d In famine dropsy never occurs the fever preceding death being generally in the brain therefore without fever or morbid action in the blood vessels there can be no dropsy

This morbid action sometimes the brain phatics and after this rupture the fever hectics and changes the pulse to synochus synochoid typhus or typhoid but this effused lymph reacts and produces a greater degree of fever

to the practice in this disease has been unpractical and were it was cured it has been more from chance than sound theory or practice

The Remedies must be suited to the state of the pulse and system in great morbid excitement as when

as when there is great inflamatory
diathesis the Remedies shd be—
1st Vs. this I have used with great suc-
cess but must confess that I am
not the author of this most in
valuable remedy or discovery but
that the honour of it belongs to the
germans Botallier
2d Purges these should be lenient or
drastic as the system indicates
we should begin with the leni
ent as Senna. Manna. Cream of tartar
&c and then if necessity require it
we should give the drastic as Jalap
Scammony gum hope aloes &c
3d low diet and even fasting has
been found of great advantage
4th Cold applications in different ways
5th Heat in the form of a sand bath
pan has had great effect
6th travelling on foot here the doctor
relates the case of an old man
from beginning who attempted to
walk to the Hospital from
the state and was cured before
he arrived here by travelling he then
offered to pay his fee to its proprietor
for curing him (in fact)

The Diuretics as Digitalis, Squill &c these depletes but they do it circuitously these last shd not be relied upon totally but if the pulse be tense it should accompanied with bs. where there is weak morbid action stimulants & tonics shd be used a Cedar berries, Juniper berries, Scurvy grass, alkaline salts ~~&c~~ iron and mercury hot and cold bath also generous diet excessive travelling &c vomits and purges &c with other depletion shd be avoided in dropsies of weak morbid action shd be avoided we will deliver a few remarks on dropsies as they occur in different parts of the body and first of

Hydrothorax this is known by a difficulty of breathing sudden starting in sleep dry cough palpitation of the heart & inability to lie on one side and then on the other stuffing of blood swelled by the pulse tense and full which is seldom subdued by bs. Dr Hains says he has known this tense pulse where the skin appeared to be sanguine this disease follows a left cured Pneumonia

The Remedies for it where the pulse is full and tense are
1 Vs. The blood is always sizy Alsho V.S. seldom lowers the pulse yet it prepares the system for other remedies a diuretics which draw off the water by the kidneys These are
2 Squills either in substance extract or oxymel 2 grains of Calomel with one grain of Squills may be taken two or three times a day Camphor and such like sedatives may occasionally be combined with them digitalis acts like a charm in this disease perpetual blisters on one side salivation where it has been preceded by the retrocession of the itch its return shd this we know to be the case in all diseases of the breast and consequently ought not to be exhibited unless costiveness require them Shifting blood and the natural warmth of the extremities are unfavourable symptoms also pale urine sometimes the effusion of water takes place in the lungs the pulse is quick frequent & irregular the rem this are the same as in Hydrothorax

Ascites this takes place where there is a collection of water in the cavity of the abdomen or only in Cist Dropsy of the cist is known

1st By a greater projection of one side than the other

2d By its being most common to women

3d By its coming on gradually

4th There is little or no swelling in the legs

5th Purges act feebly and the water discharged has an oily appearance

6th The belly has only a small surface in this but a large and uniform one in abdominal dropsy which follows ~~Intermittent~~ Epidemics remitting and intermitting fevers in which a fluctuation is more perceptible and to which tall men are more subject than the inveterate dropsy

## The Remedies are

1st by when there is a tense pulse and which is still more indicated when the legs are swelled

2d Purges they are more useful in ascites they may be either lenient or drastic these last are dangerous in other abdominal of the viscera with languid pulse Gamboge ~~when combined~~ becomes less drastic by being

boiled in water and then combined with crystals of Tartar this is said to be an excellent form

3d Emetics Tartar Emetic a pill in the infirmary of Edenborough cured by taking 12 grs of Tartar antimo. by mistake instead of an anodyne & pukeed and purged him for 24 hours

4th Diuretics ~~4 ℥ of water to~~ IV ℥ of Nitri Dul. to a quart of water one ounce of this mixture to be taken three times in 24 hours is of great service in great morbid action Juniper berries squills digitalis with the last I have discharged great quantities of water from the Pat sometimes weak diuretics are better than the stronger ones as weak stimulicum better than the stronger spontaneous sweats are of great service Blisters to the ancles are of great service diuretics and salivation If the liver be affected a caustic shd be applied to the right side where there is weak morbid action the remedies shd be contrary to the former here

— Cordial and Tonic meds shd be used as steel wort Vol. Tinct Quassum purges vomits clysters when given

when given alone keeping the Pat in a recumbent posture and in bed with a belt around his abdomen Gentian & Iron Tapping this sometimes produces relief in recent cases and in chronic cases sometimes prolongs life But I have generally seen it hurtful by taking off the stimulus of distension and has even produced death the Matter drawn has the following appearances

1st Serum of a white colour

2d of a yellow green colour which always denotes the liver to be more or less affected

3d like milk mixed with it

4th Milky fluid only

5th a gelatinous brown matter only

6th a yellow like Matter too thick to be discharged and lastly blood sometimes are better than scarification death often follows tho it often prolongs life and it has been proposed to inject Ptis Mercurii or wine and water into the cavity of the ~~abdomen~~ thorax in order to inflame the parts and thereby to produce adhesion The following are the appearances or signs of life and death

1st A copy appearance with a brackish or urinous ~~test~~ in the water is unfavourable

2d Clear water is unfavourable

3d Tartar

4th Yellow

5th Urine with a red or brick-dust sediment is unfavourable

6th Tenesmus and diarrhea is unfavourable

Dropsy of the ovaria this may exist many years without inconvenience to the pat it is commonly discovered on one side the only remedy is Solivation

Hydrops Uteri this frequently attack women the water is sometimes discharged before & sometimes after delivery I knew a case of a lady who discharged this water after delivery but she died the child both died the Remedies are purges &c Dropsy of the Testicle in this the water is to be discharged by puncture for an account of which I refer you to the professor of Surgery (or to Physick

Anaesarca This is generally the effect of fever or intemperance a recumbent position is favourable and the pat ought to be confined to it the legs should be rubbed upward only & in the morning only blisters to the legs punctures not scarification and salivation are proper and then tonics here then Gentlemen let me admonish prescribe no dropsy without first feeling the pulse to which attend daily for you see what opposite remedies are necessary in different states of the system This is easiest of all dropsy

Hydrothorax State of Fever this is an effection of the kidneys and is sometimes symtomatic of the gout and arises from a congestion of Morbid excitement to that part the urine is often pale colour or black there is sometimes a total suppression of secretion and excretion of urine from an engorgement of the kidneys

The Remedies must be accommodated to the state of the system they are 1st V.S. 2d Purges & Cold air especially where there is this engorgement Sydenham recommends the pat to sit up in bed or stewed in cold weather in the open air

Under this head we shall speak of Diabetes aquosus a local disease in which the discharge consists of water only Demulcent drinks Warm bath &c

## Diabetes Mellitus

I have investigated this disease and have hitherto thought it to be local but now believe it to be a general & febrile disease from its symptoms which are a quick tense & feeble pulse always in its first stage It is attended with hot thirst pain in the head giddiness palpitation of the heart morbid appetite costiveness pain in the limbs &c This disease is an increase of the urinary discharge The palpitation bad mouth and gums are sometimes precursors of this disease The remote causes producing this disease are debilitating as cold humid drinking to excess contusions the debilitating passions of the mind &c It is known by a pain in the testicle from the kidneys acids may produce it ℞ ℥ of urine in which is dissolved IX ℥ of sugar the urine is sweet and pale on decomposition the kidneys appeared swelled spongy and emitted a sour smell the sweats and saliva were sweet and the stomach and liver shewed the marks of the disease

when the sweats are acid it is owing to an acetous fermentation these sweats may be called diabetes of the pores this saccharine diathesis is nothing more than an incomplete animalization of the food there is a great morbid excitement in this disease and hence the remedies are

1st. The blood in all cases shews great marks of disease it is less putrescent than the blood of healthy persons it generally exhibits an Buffy coat as it is a chronic disease 1st. Shaver be used as an alterative for which it should be taken in small quantities and often Dr. Darwin speaks highly of alum and Rhenish tartar powder ℞ Usi. combined with a pun bark and Thyme-water are good

2d Emetics purges low diet afterwards ~~alum~~ alum-whey bark exercise steel with ~~milk~~ gentian oil of amber garlic and Fox hills I knew a case to be cured by the translation of gout to the feet bathing salivation friction with oil have been used in Scotland this it is said acts by stopping the pores there is a great difference between the state of the system reduced by 1st. and that brought on by the blood wearing down the excitability of the blood vessels We want no new medicine in the Materia Medica

We want no new article in the Materia Medica when we come to know those we have when the unity of disease shall be established and acknowledged then shall we regard the symptoms only and then shall the name of fever be swallowed up in that of disease Dean Swift used to say that proper words in their proper place constituted style in like manner I say that proper means in their proper doses and at proper times constitute the perfection of the healing art

Hemorrhagic state of fever

in which are included those discharges of blood accompanied ~~with~~ with morbid action the blood vessels from the nose &c &c

The symptoms are chills heat thirst & frequent pulse I will here ~~delivery~~ a few propositions

1st All spontaneous Hemorrhages are produced by debility in the arterial system

2d This debility is produced by all causes producing fever it occurs chiefly at puberty when a ~~fa~~ cessation of growth takes place

and when the body does not require all the blood it contains for its support hence a plethora is induced

1st By an access in the blood vessels often laxity

2d from the loss of a limb

3d Hemorrages are from the ~~veins~~ arteries before the age of 37 and afterwards when they have gained the plethora from the arteries the Hemorrages being when it comes from the liver spleen stomach &c Hemorrages are from ~~youth~~ arteries in youth and when they come from the nose and ~~lungs~~ lungs in these there are however some exceptions stahl induced Hemorrages into active & passive and in this he was followed by Cullen I deny this division or rather I divide them according to the unity of disease (it the theory) into Hemorrages of direct morbid action and weak morbid action the only passive Hemorrages we have is that from slight wounds or any deficiency in the blood It is sometimes a family disease and is relieved

and it is only relieved by pressure a case of a tooth drawn in consequence of which a Hemorrhage so violent occurred that it was stopt only by the finger being pressed continually on the part for three days and knights it has been cured by bonnes and barks

The Causes are remot and excitin both of which are divided into general and partial first such as are general as by Heat cold vicissitudes from heat to cold and from cold to heat hence they are more frequent in Spring and autumn changes in the weight of the air as climbing a Mountain any thing increasing the action of the Blood vessels as exercise clothing falls contusions the venereal appetite &c &c often often produce hemorrhages from the lungs nose &c &c

2d Such as are partial by coughing blowing hawking blowing the head bolet feet &c &c &c &c

Treathylow Hyde
No

Rev Davis